SDG
07
AFFORDABLE AND CLEAN ENERGY

EVIDENCE DOCUMENT | INDICATOR 7.2.1

Energy-efficient renovation and building

METRIC 7.2 University measures towards affordable and clean energy

REFERENCE YEAR	COVERAGE	DATE PREPARED
In place by 2025	All campuses and constituent units; all new buildings and renovations	4 November 2026

ISSUING OFFICE	EVIDENCE ID
Directorate of Quality Assurance, Head Office	E-07-7.2.1

THE SIR 2027 REQUIREMENT

Does your university as a body have a policy in place for ensuring all renovations / new builds are following energy efficiency standards? (relevant standards to be indicated)

01 Statement of Evidence

Bahria University's direct answer to the requirement

Yes. Bahria University requires energy-efficiency standards for new buildings and renovations. Initially the university has developed its policy which was updated to HSE Policy makes ECBC-2023, issued by NEECA and notified through SRO 461(I)/2024, or an equivalent or higher standard approved by the Rector, the minimum standard for the design, construction and renovation of University buildings (para 1.15(c)). Every new building, extension and renovation, including contractor works, must meet that standard, and the Directorate of Planning and Development must certify compliance before design approval and retain the record (para 6.2(j)). Annual energy audits must use defined efficiency benchmarks (para 6.2(d)). The amendment register records the policy's first edition in November 2021, second edition on 22 November 2025 and current third edition on 22 July 2026. The Sustainable Procurement and Purchasing Policy (BU-SPPP-2025), effective 15 November 2025, requires LEED Gold or equivalent certification and Green Building Council Pakistan compliance for new buildings (para 6.1.6), and equipment with at least a 3-star energy rating (para 5.2.1). The Sustainability and Climate Action Policy (BU-SCAP-2025), effective 7 December 2025, requires new construction to perform at least 40 per cent better than code, LED smart controls, HVAC efficiency improvements of at least 25 per cent, BMS and deep retrofits of buildings older than ten years (para 5.1.2), towards a 40 per cent efficiency improvement by 2030 (para 3.1). The current HSE wording is presented as the reviewed 2026 policy; the effective dates of the sustainability and procurement policies establish their place by the end of 2025. Policy created: 2021. Policy reviewed: 2026.

02 Evidence and Activity Record

Dated facts and records that substantiate the statement

Section 1 presents the HSE Policy, its amendment register, scope, building energy code and compliance requirements. Sections 2 and 3 present the Sustainability and Climate Action Policy and the Sustainable Procurement and Purchasing Policy with their effective dates, opening pages, contents and relevant extracts. Section 4 presents the national building energy codes. Section 5 records campus implementation, and Section 6 summarises the requirement and policy dates.

TABLE 1 Energy efficiency standards for renovations and new builds, in place by 2025

No.	Element	Record	Provision	Date	Evidence
1	Policy	All new buildings, extensions and renovations must meet ECBC-2023 or an approved equivalent/higher standard; Planning and Development certifies compliance before design approval	Minimum energy code and certification	2025 edition; reviewed 22 Jul 2026	HSE paras 1.15(c), 6.2(d), 6.2(j)
2	Standard, new buildings	LEED Gold or equivalent certification; Green Building Council Pakistan compliance	Mandatory requirement	Effective 15 Nov 2025	SPPP para 6.1.6
3	Standard, new construction	Energy performance standards at least 40 per cent better than code	Minimum performance	Effective 7 Dec 2025	SCAP para 5.1.2
4	Standard, renovations	LED smart controls; HVAC efficiency improvement of at least 25 per cent; BMS; deep retrofit for buildings older than ten years	40 per cent efficiency gain by 2030	Effective 7 Dec 2025	SCAP paras 3.1, 5.1.2
5	Equipment	Energy-efficient equipment of at least 3-star rating; energy efficiency ratings in procurement documentation	Mandatory specification	Effective 15 Nov 2025	SPPP paras 5.1.3, 5.2.1
6	National baseline	Building Code of Pakistan (Energy Provisions) 2011; Energy Conservation Building Code 2023, mandatory for new construction in Islamabad	National codes	2011; 2023; 2025	Section 4
7	Coverage	Head Office, all campuses and constituent units; all premises, operations and contractors	All works	2021 onward	HSE, paras 1.3 and 1.6; SCAP, para 3.2
8	In place by 2025	HSE register records a 22 Nov 2025 edition; procurement and sustainability policies became effective in Nov and Dec 2025	Policy framework established	2025	Updated policy covers and amendment register
9	Created and reviewed	First edition 15 Nov 2021; second edition 22 Nov 2025; third edition 22 Jul 2026	Edition history	2021; 2025; 2026	HSE Record of Amendments

1. Health Safety and Environment Policy

The HSE Policy amendment register records the first edition of 15 November 2021, a second edition of 22 November 2025 under the Director Admin, and the third edition of 22 July 2026 (BU-HO/Admin/2026/827). This establishes the policy's origin and its edition in 2025. The current third edition is reproduced below; its requirements are distinguished from the earlier implementation records.

The current policy applies to all premises, operations and activities under University control (para 1.3), binds employees, students and contractors (para 1.1), and covers the Head Office, campuses and constituent units (para 1.6). Para 1.15(c) makes ECBC-2023, issued by NEECA and notified through SRO 461(I)/2024, or an equivalent or higher standard approved by the Rector, the minimum energy-efficiency standard for design, construction and renovation of University buildings.

Para 6.2(j) requires every new building, extension and renovation, including work through contractors, to meet that code. The Directorate of Planning and Development must certify compliance before design approval and retain the record. Annual energy audits with defined efficiency benchmarks are required by para 6.2(d), renewable energy adoption is tracked under para 6.2(e), and para 6.21(c–d) provides for a gradual shift to solar energy and annual environmental audits. Campus Directors implement and audit their Environmental Management Plans, with support from Earth and Environment Sciences (para 6.3).

1. HSE Policy continued


BAHRIA UNIVERSITY
ISLAMABAD

BAHRIA UNIVERSITY
أطلبوا العلم
PAKISTAN

BU HEALTH, SAFETY AND ENVIRONMENT POLICY

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Figure 1: HSE Policy, third edition, PDF page 1: cover of the current policy.

1. HSE Policy continued

RECORD OF AMENDMENTS

Amendment No	Dated	Authority	Clause (s) Amended	Status
1st Edition	15 Nov 2021	Admin/Safety/2021/3224	-	superseded
2nd Edition	22 Nov 2025	Director Admin	Para 6.17 (second sentence added); Para 6.17.3 (new); Para 6.20.1 (new)	New Print
3rd Edition	22 July 2026	BU-HO/Admin/2026/827	Para 6.17 (second	New Print

Note: Amendments are to be recorded, cross-checked and their incorporation in the document authenticated (with name, designation, and signatures).

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Figure 2: HSE Policy, third edition, PDF page 2: Record of Amendments: first edition 15 November 2021; second edition 22 November 2025; third edition 22 July 2026.

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1. HSE Policy continued

CHAPTER 1

INTRODUCTION TO SAFETY POLICY

1.1 Safety Policy. Maintaining high standards of Health, Safety and Environment (HSE) is an integral part of campus life at Bahria University. All employees, students, and contractors shall remain vigilant, adhere to safe working practices, and comply with the controls prescribed in this Policy. Every individual has a legal and moral responsibility to report unsafe conditions and contribute towards continuous improvement.

1.2 Policy Statement. Bahria University is committed to providing a safe and secure environment for its students, staff, and visitors through effective safety systems, procedures, and practices. Achieving this objective requires active participation at all levels. All members of BUHO and Campuses/Units are responsible for compliance within their Areas of Responsibility (AOR), with particular accountability resting on senior leadership to ensure safe conduct of all activities.

1.3 Policy Framework. This Policy applies to all premises, operations, and activities under the University's control. It establishes the framework within which responsibilities are assigned and implemented. Campus Management, through respective Heads of Departments (HODs), shall ensure compliance and enforcement at all tiers.

1.4 Aim. To ensure the safety of all individuals at Bahria University while safeguarding University assets through a structured and effective HSE framework.

1.5 Preamble. Safety is a collective responsibility and can only be achieved through coordinated effort. This Policy defines roles and responsibilities for implementation while encouraging continuous feedback to further strengthen safety practices.

1.6 Applicability. The HSE Policy shall be applicable to the following:

a. Bahria University Head Office (BUHO)
b. All Campuses of Bahria University and Constituent Units (CUs)
c. Business Incubation Centers/ Offices of Research, Innovation & Commercialization (ORIC), Islamabad.
d. Institute of Professional Psychology (IPP), Karachi.
e. National Institutes of Maritime Affairs (NIMA), Islamabad and Karachi.

1.7 Conflict in Orders. The contents of this policy shall not supersede any orders or instructions issued from time to time by BUHO or the Campus Administration. Any conflict or discrepancy observed may be referred to the Safety Dte for clarification.

1

Figure 7: HSE Policy, third edition, PDF page 7: printed page 1: policy scope, duties and campus applicability, paras 1.1 to 1.6.

1. HSE Policy continued

following:

(a) Can the job be redesigned?

(b) Identify/ implement practical measures to work safely.

(c) Ensure workers are wearing personal protective equipment.

(d) Put the identified controls in place.

d. **Monitor and Review.** The review is a continual process. Experts from outside should be invited periodically to review the risk management measures for improvement in the system. They should also be reviewed if:

(1) They may no longer be effective.

(2) There are changes in the workplace that could lead to new risks such as changes to staff, the process or equipment used.

(3) When problems have been spotted or there have been any accidents or near misses.

1.14 Safety Check-List. The Safety Check-Lists have been enclosed at Annex C to this policy for implementation and compliance. The same shall be used as a reference during Safety Audits of respective campuses/ CUs.

1.15 Reference Publications. The following publications are hereby promulgated as reference documents. These publications are available on the internet and can be downloaded for implementation as and where required.

a. **Building Code of Pakistan Fire Safety Provisions – 2016.** The manual **Building Code of Pakistan Fire Safety Provisions – 2016** promulgated by Pakistan Engineering Council, Govt of Pakistan is to be taken as a guideline reference for construction of buildings, fire and disaster management planning and execution including high rise buildings.

b. **Day Care Centers.** The book "**Guidelines and Standards for Day Care Centers**" published by the Govt of Punjab is to be taken as guideline reference for managing daycare centers at BU Campuses.

c. **Energy Conservation Building Code of Pakistan (Energy Provisions-2023) (ECBC-2023)**, issued by NEECA and notified vide SRO 461(I)/2024. This code, or an equivalent or higher standard approved by the Rector, is the minimum energy-efficiency standard for the design, construction and renovation of University buildings.

1.16 Feedback. Feedback is a very important tool not only for improving the safety environment of the university but it makes the safety policy, instructions and SOPs more practical and relevant. It is therefore urged upon all safety managers to extend the feedback system down to the grassroot level.

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Figure 8: HSE Policy, third edition, PDF page 10: printed page 4: para 1.15(c), minimum energy-efficiency code for design, construction and renovation.

1. HSE Policy continued

CHAPTER 6

ENVIRONMENT PROTECTION

6.1 **Importance.** Environment plays an important role in healthy living and the existence of human life. Planet Earth is a home for different living species. We all are dependent on the environment for food, air, water, and other needs. This chapter aims to formulate and implement policies that improve the environment at various BU Campuses/ CUs. An attempt has been made to raise the level of understanding about the environment putting in place a framework where everyone joins hands to produce a healthy environment not only at BU but in other places.

6.2 **BU Environment Policy (Climate Action and Carbon Management).** The Environment Policy sets the high-level objectives for the Environmental Management Plan which shall encompass following:

a. Develop and implement a **Climate Action Plan**.

b. Measure and report **GHG emissions (Scope 1, 2 and 3)**.

c. Establish **carbon reduction targets**, including long-term net-zero commitments.

d. Annual energy audits shall be conducted with defined efficiency benchmarks.

e. Renewable energy adoption be tracked through measurable KPIs.

f. Regular updating of data on webpage (e.g. **CORE-CF** webpage).

g. Develop effective material management (from raw to waste).

h. Increase awareness of environmental responsibility among staff, students and visitors.

i. Have an environmental management system that ensures the University complies with national environmental standards.

j. Ensure that every new building, extension and renovation of University premises, including work done through contractors, meets the energy-efficiency code at para 1.15(c). The Directorate of Planning and Development shall certify compliance before design approval and keep the record.

k. Maintain the premises in an environmentally sensitive way, having regard to the protection of natural habitats and local wildlife.

l. Promote and encourage sustainable forms of mass travel by staff and students to reduce carbon emission.

m. Constantly improve BU's environmental performance.

6.3 **Organization.** The Director of respective campus shall be responsible for the preparation, implementation and audit of the Environment Management Plan (EMP). HODs Earth & Environment Sciences (E&ES) shall render help to all campuses in the city in preparation of EMP as given below. However, the implementation remains responsibility of each campus. Similar help is to be provided to all BU setups coming up in future as well:

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Figure 9: HSE Policy, third edition, PDF page 32: printed page 26: para 6.2, including energy audits and certification of building code compliance before design approval.

1. HSE Policy continued

6.19 Plantation. There are a number of ways plants can reduce noise. One way is through sound absorption. Plant parts such as stems, leaves, branches, wood, etc. absorb sound. Rough bark and thick, fleshy leaves are particularly effective at absorbing sound due to their dynamic surface area. Indoor/ outdoor plantation be encouraged to achieve better noise levels. Plant factors that affect sound absorption:

a. Number of plants (the more the better)
b. Size of the plant(s)
c. Surface area of the leaves and of the plants themselves.

6.20 Pollution Control Technology Management. This aspect is applicable to the areas like construction sites and experimentation laboratories using noxious chemicals, dust and biological agents. For this, exhaust hoods, local exhaust ventilation system, scrubbers and other engineering controls may be employed.

6.20.1 Prevention of Marine Pollution. BU is committed to preventing and reducing marine pollution of all kinds, in particular pollution from land-based activities. Every Campus/CU, and in particular those in Karachi, shall:

a. prevent untreated sewage, wastewater and hazardous effluent from reaching drains, nullahs, rivers or the sea (paras 6.9 to 6.11);
b. control storm-water runoff from campuses and construction sites so that sediment, oil, chemicals and litter do not enter water bodies;
c. stop plastic and other solid waste from entering drains and water bodies (paras 6.12 to 6.17);
d. store fuel, oil and chemicals with secondary containment and keep spill kits; and
e. require contractors and suppliers on University premises to comply with this para.

The Earth and Environment Sciences departments shall monitor implementation, and the Director Campus shall report any spill or discharge to the Standing HSE Committee within three days.

6.21 Reducing Environmental Foot Prints. This significantly important aspect needs to be covered through following options:

a. BU shall define sustainable commuting targets. Monitoring systems shall track:

(1) Vehicle usage.
(2) Carbon emissions from transport.
(3) University-owned vehicle movement (via digital applications).

b. **Mass Transit/ Optimize Shuttle Service**. All campuses/ CUs are to promote means of mass transit and discourage use of private vehicles. BU shall also promote use of e-vehicles.

c. **Renewable Energy**. All campuses are to work out the option of utilizing solar energy not only to cut the cost but to minimize carbon emissions. The campuses be gradually shifted to the solar energy.

d. **Annual Environmental Audits**. Calculation of environmental footprints, cost benefit analysis be conducted by E&ES department and EMP be revised accordingly. Annual environmental audits of units be conducted annually.

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Figure 10: HSE Policy, third edition, PDF page 38: printed page 32: para 6.21(c–d), solar energy and annual environmental audits.

1. HSE Policy energy efficiency requirements

c. **Energy Conservation Building Code of Pakistan (Energy Provisions-2023) (ECBC-2023)**, issued by NEECA and notified vide SRO 461(I)/2024. This code, or an equivalent or higher standard approved by the Rector, is the minimum energy-efficiency standard for the design, construction and renovation of University buildings.

Figure 11: HSE Policy, PDF page 10, printed page 4: para 1.15(c), ECBC-2023 or an approved equivalent or higher standard for University building design, construction and renovation.

6.2 **BU Environment Policy (Climate Action and Carbon Management).** The Environment Policy sets the high-level objectives for the Environmental Management Plan which shall encompass following:

a. Develop and implement a **Climate Action Plan**.

b. Measure and report **GHG emissions (Scope 1, 2 and 3)**.

c. Establish **carbon reduction targets**, including long-term net-zero commitments.

d. Annual energy audits shall be conducted with defined efficiency benchmarks.

e. Renewable energy adoption be tracked through measurable KPIs.

f. Regular updating of data on webpage (e.g. **CORE-CF** webpage).

g. Develop effective material management (from raw to waste).

h. Increase awareness of environmental responsibility among staff, students and visitors.

i. Have an environmental management system that ensures the University complies with national environmental standards.

j. Ensure that every new building, extension and renovation of University premises, including work done through contractors, meets the energy-efficiency code at para 1.15(c). The Directorate of Planning and Development shall certify compliance before design approval and keep the record.

k. Maintain the premises in an environmentally sensitive way, having regard to the protection of natural habitats and local wildlife.

l. Promote and encourage sustainable forms of mass travel by staff and students to reduce carbon emission.

m. Constantly improve BU's environmental performance.

Figure 12: HSE Policy, PDF page 32, printed page 26: para 6.2, including annual energy audits (d) and mandatory code compliance for every new building, extension and renovation, certified before design approval (j).

1. HSE Policy renewable energy and audits

c. **Renewable Energy**. All campuses are to work out the option of utilizing solar energy not only to cut the cost but to minimize carbon emissions. The campuses be gradually shifted to the solar energy.

d. **Annual Environmental Audits**. Calculation of environmental footprints, cost benefit analysis be conducted by E&ES department and EMP be revised accordingly. Annual environmental audits of units be conducted annually.

Figure 13: HSE Policy, PDF page 38, printed page 32: para 6.21(c–d), the gradual shift to solar energy and annual environmental audits.

2. Sustainability and Climate Action Policy: energy standards for new construction and renovations

The Bahria University Sustainability and Climate Action Policy (Policy Code BU-SCAP-2025, version 1.0), effective 7 December 2025 and approved by the Rector, applies to all campuses, all academic and administrative units, and all students, faculty, staff, contractors and visitors, and to all activities, operations, procurement, investments and partnerships (para 3.2). Under Objective 2, Climate Resilient Infrastructure, all new infrastructure is to be climate-proofed against 2050 climate projections and existing buildings retrofitted to achieve a 40 per cent improvement in energy efficiency by 2030 (para 3.1).

Para 5.1.2, Energy Efficiency and Conservation, sets the standards for buildings: building management systems across all facilities; all lighting retrofitted to LED with smart controls (occupancy sensors and daylight harvesting); air conditioning systems upgraded to high-efficiency standards with at least 25 per cent improvement; a deep energy retrofit programme for buildings older than ten years; and strict energy performance standards for all new construction, at least 40 per cent better than code. The policy provides financial incentives for green building certifications (para 9.2), integrates sustainability compliance into contractual requirements (para 9.3) and is reviewed comprehensively every two years (para 10). The University Sustainability Council, chaired by the Rector, approves sustainability strategies and targets (para 4.1), and the Center of Research Excellence in Climate Finance (CORE-CF) implements the policy day to day and coordinates compliance monitoring (para 4.2).

2. Sustainability and Climate Action Policy (continued)

BAHRIA UNIVERSITY SUSTAINABILITY AND CLIMATE ACTION POLICY

Policy Code: BU-SCAP-2025

Version: 1.0

Effective Date: 07/12/2025

Review Cycle: Biennial

Approved By: Rector, Bahria University

Figure 14: Sustainability and Climate Action Policy, PDF page 1: BU-SCAP-2025, version 1.0, effective 7 December 2025, approved by the Rector.

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Figure 15: Sustainability and Climate Action Policy, Table of Contents (page 2), sections 1 to 5, including para 5.1.2, Energy Efficiency and Conservation.

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Figure 17: Sustainability and Climate Action Policy, Table of Contents (page 4), section 10, Policy Review and Amendment.

2. Sustainability and Climate Action Policy (continued): pages cited

9	Scope 1 Emissions	Direct greenhouse gas emissions from owned or controlled sources (e.g., campus vehicles, generators)
10	Scope 2 Emissions	Indirect emissions from purchased electricity, heat, or steam
11	Scope 3 Emissions	All other indirect emissions occurring in the value chain (e.g., commuting, business travel, purchased goods)
12	Science-Based Targets	Emission reduction targets aligned with climate science to limit global warming to 1.5°C

3. POLICY OBJECTIVES AND SCOPE

3.1 Strategic Objectives

Objective 1: Carbon Neutrality and Emissions Reduction

- Achieve 50% reduction in Scope 1 and 2 emissions by 2040 (baseline: FY2024)
- Achieve carbon neutrality (Net Zero) across all campuses by 2040
- Transition to 100% renewable electricity by 2035
- Phase out fossil fuel-based transportation fleet by 2032

Objective 2: Climate Resilient Infrastructure

- Climate-proof all new infrastructure developments against 2050 climate projections
- Retrofit existing buildings to achieve 40% energy efficiency improvement by 2030
- Implement nature-based solutions for stormwater management and urban heat island mitigation
- Establish climate-resilient water management systems ensuring zero water waste

Objective 3: Sustainability Integration in Academia

- Embed climate and sustainability content across 100% of academic programs by 2028

7

Figure 18: Sustainability and Climate Action Policy, PDF page 7: para 3.1, including Objective 2 on retrofitting existing buildings for a 40 per cent energy-efficiency improvement by 2030.

2. Sustainability and Climate Action Policy (continued): pages cited

- All campuses: Islamabad (main), Karachi, Lahore, and future expansions
- All academic and administrative units, faculties, departments, and centers
- All students, faculty, staff, contractors, and visitors
- All activities, operations, procurement, investments, and partnerships
- Affiliated colleges and institutions under BU jurisdiction

3.3 Responsible Investment and Divestment

The University shall not invest in carbon-intensive energy industries, notably coal and oil, and shall divest from any such holdings.

a. From the date of approval of this Policy, no new investment shall be made in any company or fund that draws more than 10% of its revenue from coal or oil.

b. Existing coal and oil holdings shall be sold in full by 30 June 2028.

c. This para applies to the endowment and every other investment held by the University or any campus, whether held directly or through mutual funds or other pooled funds.

d. Each year the Treasurer shall sign and date a statement of the University's investment holdings, showing any coal or oil exposure, the financed emissions of the holdings and progress on divestment, and submit it to the University Sustainability Council. CORE-CF shall publish a summary on the University website.

4. GOVERNANCE STRUCTURE

4.1 University Sustainability Council (USC)

Composition:

- Rector (Chairperson)
- Pro-Rector (Academics)
- Pro-Rector (Research)
- Pro-Rector (Administration)

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Figure 19: Sustainability and Climate Action Policy, PDF page 9: scope continued (para 3.2), investment provisions and the University Sustainability Council, chaired by the Rector (para 4.1).

2. Sustainability and Climate Action Policy (continued): pages cited

Functions:

- Approve sustainability strategies, targets, and action plans
- Oversee climate risk assessment and management
- Review annual sustainability performance and reports
- Ensure alignment with national and international climate commitments
- Approve major sustainability investments and partnerships
- Report to Rector on climate performance

4.2 Center of Research Excellence Climate Finance (CORE – CF)

Structure:

- Manager CORE CF
- Sustainability Managers (one per campus)
- Data and Reporting Analyst
- Engagement and Communications Coordinator

Responsibilities:

- Day-to-day implementation of this policy
- Coordination of GHG inventory and carbon accounting
- Management of sustainability projects and initiatives
- Stakeholder engagement and communications
- Preparation of annual sustainability reports
- Compliance monitoring and verification coordination

4.3 Campus Sustainability Manager

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Figure 20: Sustainability and Climate Action Policy, PDF page 11, printed page 10: University Sustainability Council functions and CORE-CF responsibilities (para 4.2), including implementation and compliance monitoring.

2. Sustainability and Climate Action Policy (continued): pages cited

Target: Carbon neutral energy systems by 2035

Key Initiatives:

5.1.1 Renewable Energy Transition

- Install rooftop solar PV systems achieving minimum 30% of campus electricity demand by 2027
- Procure remaining electricity from certified renewable sources through green tariffs or Power Purchase Agreements (PPAs)
- Explore on-campus wind energy potential at suitable locations
- Implement battery energy storage systems for resilience and peak shaving
- Establish microgrids with smart energy management systems

5.1.2 Energy Efficiency and Conservation

- Implement comprehensive Building Management Systems (BMS) across all facilities
- Retrofit all lighting to LED with smart controls (occupancy sensors, daylight harvesting)
- Upgrade HVAC systems to high-efficiency standards (minimum 25% improvement)
- Implement deep energy retrofit program for buildings older than 10 years
- Establish strict energy performance standards for all new construction (minimum 40% better than code)

5.1.3 Thermal Energy Decarbonization

- Phase out diesel generators through renewable energy + storage solutions
- Transition to electric or solar thermal systems for water heating
- Explore geothermal and waste heat recovery opportunities
- Implement district heating/cooling systems where feasible

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Figure 21: Sustainability and Climate Action Policy, PDF page 13, printed page 12: renewable energy transition (5.1.1) and energy efficiency and conservation (5.1.2).

2. Sustainability and Climate Action Policy (continued): pages cited

Campus Sustainability Officer / Manager:

- Day-to-day policy implementation and coordination
- Performance monitoring and reporting
- Stakeholder engagement and communications

Deans and Department Heads:

- Academic integration of sustainability
- Faculty and student engagement
- Resource efficiency in academic operations

Campus Directors:

- Campus-level implementation and performance
- Local stakeholder engagement
- Emergency preparedness and response

All Employees and Students:

- Compliance with sustainability policies and procedures
- Active participation in sustainability initiatives
- Reporting of sustainability concerns and opportunities

9.2 Incentives and Recognition

- Include sustainability performance in performance evaluations
- Establish sustainability awards and recognition programs
- Provide financial incentives for green building certifications

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Figure 22: Sustainability and Climate Action Policy, PDF page 28, printed page 26: para 9.2, including financial incentives for green building certifications.

2. Sustainability and Climate Action Policy (continued): pages cited

- Support professional development in sustainability

9.3 Non-Compliance

- Progressive disciplinary procedures for policy violations
- Regular compliance audits and corrective action plans
- Integration of sustainability compliance into contractual requirements

10. POLICY REVIEW AND AMENDMENT

Review Cycle:

- Comprehensive policy review every two years
- Annual review of targets and action plans
- Ad-hoc review triggered by significant changes in regulations or circumstances

Review Process:

- Stakeholder consultation (faculty, staff, students, external experts)
- Performance assessment against targets
- Benchmarking against national and international best practices
- Alignment with updated national climate policies and NDCs
- Approval by University Sustainability Council and ACM

Amendment Authority:

- Minor amendments: Chief Sustainability Officer with USC approval
- Major amendments: ACM on recommendation of USC

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Figure 23: Sustainability and Climate Action Policy, PDF page 29, printed page 27: para 9.3 on non-compliance and section 10 on policy review and amendment.

2. Sustainability and Climate Action Policy (continued): paragraphs cited

5.1.2 Energy Efficiency and Conservation

- Implement comprehensive Building Management Systems (BMS) across all facilities
- Retrofit all lighting to LED with smart controls (occupancy sensors, daylight harvesting)
- Upgrade HVAC systems to high-efficiency standards (minimum 25% improvement)
- Implement deep energy retrofit program for buildings older than 10 years
- Establish strict energy performance standards for all new construction (minimum 40% better than code)

Figure 24: Enlarged extract, Sustainability and Climate Action Policy, PDF page 13, printed page 12: para 5.1.2, BMS, LED smart controls, HVAC efficiency improvement of at least 25 per cent, deep retrofit and new construction at least 40 per cent better than code.

Objective 2: Climate Resilient Infrastructure

- Climate-proof all new infrastructure developments against 2050 climate projections
- Retrofit existing buildings to achieve 40% energy efficiency improvement by 2030
- Implement nature-based solutions for stormwater management and urban heat island mitigation
- Establish climate-resilient water management systems ensuring zero water waste

Figure 25: Enlarged extract, Sustainability and Climate Action Policy, PDF page 7: para 3.1, Objective 2, including retrofit of existing buildings for a 40 per cent energy-efficiency improvement by 2030.

9.3 Non-Compliance

- Progressive disciplinary procedures for policy violations
- Regular compliance audits and corrective action plans
- Integration of sustainability compliance into contractual requirements

Figure 26: Enlarged extract, Sustainability and Climate Action Policy, PDF page 29, printed page 27: para 9.3, including sustainability compliance in contractual requirements.

3. Sustainable Procurement and Purchasing Policy: green building certification for new buildings

The Bahria University Sustainable Procurement and Purchasing Policy (Policy Code BU-SPPP-2025, version 1.0), effective 15 November 2025 and approved by the Rector, governs the procurement of construction and major works. Para 6.1.6, Construction and Major Works, sets mandatory requirements: LEED Gold or equivalent certification for new buildings, compliance with the Green Building Council Pakistan standard, local materials of at least 20 per cent by cost, a construction waste management plan diverting more than 75 per cent of waste, and water-efficient fixtures and landscaping.

For building services and equipment, energy-efficient equipment of at least a 3-star rating is required (para 5.2.1) and suppliers must provide energy efficiency ratings (para 5.1.3). The Sustainable Procurement Committee, chaired by the Director Administration, reviews and updates the sustainability criteria and standards and monitors compliance (para 4.1). The policy is reviewed annually, with a comprehensive revision every three years (section 11).

3. Sustainable Procurement and Purchasing Policy (continued)

BAHRIA UNIVERSITY
SUSTAINABLE PROCUREMENT AND PURCHASING POLICY

Policy Code: BU-SPPP-2025

Version: 1.0

Effective Date: 15 November 2025

Review Cycle: Annual

Approved By: Rector, Bahria University

Figure 27: Sustainable Procurement and Purchasing Policy, PDF page 1: BU-SPPP-2025, version 1.0, effective 15 November 2025, approved by the Rector.

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3. Sustainable Procurement and Purchasing Policy (continued): pages cited

3.1.5 Transparency and Accountability

Maintain open, fair, and transparent procurement processes with clear sustainability criteria and reporting.

3.1.6 Continuous Improvement

Regularly review and enhance sustainability standards based on technological advances, market development, and best practices.

3.2 Strategic Objectives

Objective 1: Carbon Reduction

- Achieve 30% reduction in supply chain emissions (Scope 3) by 2030
- Prioritize low-carbon products and services
- Support suppliers in decarbonization efforts

Objective 2: Circular Economy

- Achieve 50% of procurement by value from circular sources by 2030
- Eliminate single-use plastics in procurement by 2026
- Maximize recycled content and recyclability

Objective 3: Social Impact

- Direct 20% of procurement spend to local SMEs by 2028
- Ensure 100% compliance with labor standards in supply chains
- Support social enterprises and fair-trade products

Objective 4: Market Transformation

- Influence suppliers to adopt sustainable practices
- Collaborate with other institutions to aggregate demand
- Share best practices and contribute to national SPP policy development

4. GOVERNANCE AND ORGANIZATIONAL STRUCTURE

4.1 Sustainable Procurement Committee (SPC)

Composition:

- Director Administration (Chair)

Figure 31: Sustainable Procurement and Purchasing Policy, PDF page 8: para 4.1, Sustainable Procurement Committee, chaired by the Director Administration; continued on the following page.

3. Sustainable Procurement and Purchasing Policy continued

- Campus Sustainability Officer / Manager
- Director Procurement
- Manager CORE CF
- Director Finance
- Legal Counsel
- Faculty representative (environmental/sustainability expertise)
- Student representative

Functions:

- Approve sustainable procurement strategy and annual plans
- Review and update sustainability criteria and standards
- Monitor compliance and performance
- Resolve disputes and exceptions
- Report to University Sustainability Council

4.2 Procurement Office Responsibilities

- Integrate sustainability criteria in all procurement processes
- Maintain approved supplier database with sustainability ratings
- Provide training and guidance to procurement staff
- Monitor and report sustainability performance
- Manage supplier engagement and development programs

4.3 Campus Sustainability Officer / Manager Responsibilities

- Develop and maintain sustainability criteria and standards
- Provide technical support on environmental specifications
- Conduct lifecycle assessments and carbon footprinting
- Verify supplier sustainability claims
- Support capacity building programs

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Figure 32: Sustainable Procurement and Purchasing Policy, PDF page 9: Sustainable Procurement Committee functions, including updating sustainability criteria and monitoring compliance.

3. Sustainable Procurement and Purchasing Policy (continued): pages cited

5. SUSTAINABLE PROCUREMENT STANDARDS

5.1 General Requirements for All Procurement

5.1.1 Sustainability Planning

- All procurement requests must include sustainability requirements
- Market analysis shall consider sustainability availability and costs
- Specifications shall not unnecessarily restrict sustainable options
- Evaluation criteria shall include sustainability weighting (minimum 15%)

5.1.2 Supplier Requirements

All suppliers must demonstrate:

- Compliance with Pakistani environmental and labor laws
- No use of forced or child labor
- Safe working conditions
- Non-discrimination policies
- Environmental management commitment

5.1.3 Documentation Requirements

- Environmental Product Declarations (EPDs) where available
- Chain of custody certifications (FSC, PEFC for wood; recycled content)
- Energy efficiency ratings
- Chemical content disclosures (REACH, RoHS compliance)
- Fair trade or ethical sourcing certifications where applicable

5.2 Environmental Criteria by Category

5.2.1 Energy and Emissions

- Prioritize products with lower carbon footprint (LCA verified)
- Require energy-efficient equipment (minimum 3-star ratings)
- Specify renewable energy requirements for service providers
- Favor local suppliers to reduce transport emissions

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Figure 33: Sustainable Procurement and Purchasing Policy, PDF page 10: paras 5.1.3 and 5.2.1, procurement documentation and energy-efficient equipment.

3. Sustainable Procurement and Purchasing Policy (continued): pages cited

- Refillable containers
- Zero-waste cleaning systems

6.1.5 Food and Catering Services

Mandatory Requirements:

- Organic certification for specified products
- Local sourcing (within 200km) minimum 30%
- Seasonal menu planning
- Elimination of single-use plastics
- Food waste reduction and donation programs
- Halal certification compliance

Preferred Requirements:

- Fair trade certification for coffee, tea, chocolate
- Plant-forward menu options (reducing carbon footprint)
- On-site composting
- Reusable container programs

6.1.6 Construction and Major Works

Mandatory Requirements:

- LEED Gold or equivalent certification for new buildings
- Green Building Council Pakistan (GBC Pakistan) compliance
- Local materials minimum 20% (by cost)
- Construction waste management plan (>75% diversion)
- Water-efficient fixtures and landscaping

Preferred Requirements:

- Net-zero energy design
- Living Building Challenge compliance
- Embodied carbon assessment and reduction
- Biophilic design elements

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Figure 34: Sustainable Procurement and Purchasing Policy, PDF page 14: para 6.1.6, Construction and Major Works.

3. Sustainable Procurement and Purchasing Policy (continued): pages cited

- Greenwashing detection and prevention

End Users and Requesters:

- Sustainable product selection
- Waste reduction and circular economy
- Sustainable travel and events
- Energy-efficient equipment selection

Suppliers:

- Sustainability requirements and expectations
- Certification processes and benefits
- Carbon accounting and reporting
- Circular business models

10.2 Communication and Engagement

- Sustainable procurement guidelines and toolkits
- Case studies and success stories
- Sustainability supplier fairs and exhibitions
- Recognition and awards programs
- Integration with CORE-CF research and training

11. POLICY REVIEW

Review Cycle: Annual review with comprehensive revision every three years

Review Process:

- Performance assessment against targets
- Stakeholder consultation (suppliers, staff, students)
- Benchmarking against national and international best practices
- Alignment with updated PPRA sustainable procurement policy
- Technological and market development assessment

Continuous Improvement:

- Pilot innovative procurement approaches
- Participate in national sustainable procurement working groups

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Figure 35: Sustainable Procurement and Purchasing Policy, PDF page 21: section 11, annual policy review and comprehensive revision every three years.

3. Sustainable Procurement and Purchasing Policy (continued): paragraphs cited

6.1.6 Construction and Major Works

Mandatory Requirements:

- LEED Gold or equivalent certification for new buildings
- Green Building Council Pakistan (GBC Pakistan) compliance
- Local materials minimum 20% (by cost)
- Construction waste management plan (>75% diversion)
- Water-efficient fixtures and landscaping

Figure 36: Enlarged extract, Sustainable Procurement and Purchasing Policy, PDF page 14: para 6.1.6, mandatory requirements including LEED Gold or equivalent and Green Building Council Pakistan compliance.

5.2.1 Energy and Emissions

- Prioritize products with lower carbon footprint (LCA verified)
- Require energy-efficient equipment (minimum 3-star ratings)
- Specify renewable energy requirements for service providers
- Favor local suppliers to reduce transport emissions

Figure 37: Enlarged extract, Sustainable Procurement and Purchasing Policy, PDF page 10: para 5.2.1, energy-efficient equipment with a minimum 3-star rating.

4. National building energy codes

Building works in Pakistan are also subject to national building energy codes, which form the baseline beneath the University's standards. The Building Code of Pakistan (Energy Provisions) 2011 sets minimum requirements for the energy-efficient design and construction of new buildings and is mandatory for buildings with a connected load of 100 kW or more, a contract demand of 125 kVA or more, a conditioned area of 900 square metres or more, or an unconditioned covered area of 1,200 square metres or more. The Energy Conservation Building Code 2023 of the National Energy Efficiency and Conservation Authority (NEECA), approved by the Federal Cabinet and the National Economic Council, covers the building envelope and insulation, passive design, renewable energy integration and efficient electrical and mechanical systems. In 2025 the Capital Development Authority notified its enforcement for all new construction in Islamabad, where the University's Head Office and Islamabad campuses are located, and building plans that do not comply are not approved.

Table 2: National building energy codes

Code	Issued by	Status	Source
Building Code of Pakistan (Energy Provisions) 2011	National Energy Conservation Centre; Pakistan Engineering Council; Ministry of Housing and Works	Mandatory for new buildings above the load and area thresholds	IEA policy database
Energy Conservation Building Code 2023 (ECBC-2023)	National Energy Efficiency and Conservation Authority, Ministry of Energy	Approved by the Federal Cabinet and the National Economic Council; available on the NEECA website	Press Information Department, Government of Pakistan, 2 January 2025
Enforcement of ECBC-2023 in Islamabad	Capital Development Authority	Notified for all new construction in Islamabad; non-compliant building plans not approved	Dawn, 24 September 2025

Public links:

Press Information Department, Government of Pakistan, Press Release No. 09 of 2 January 2025: https://pid.gov.pk/site/press_detail/27589
National Energy Efficiency and Conservation Authority: https://neeca.gov.pk
Building Code of Pakistan (Energy Provisions) 2011: https://www.iea.org/policies/2539-building-code-of-pakistan-energy-provisions-2011
Capital Development Authority enforcement, Dawn, 24 September 2025: https://www.dawn.com/news/1944190
LEED rating system, U.S. Green Building Council: https://www.usgbc.org/leed

5. Implementation across the campuses in 2025

On 24 November 2025 the Rector directed the Director Admin to deploy AI-based tools to conduct comprehensive energy audits across all campuses and facilities, to collect real-time data on electricity, heating, cooling and equipment use, to implement the recommended energy conservation measures through the facility management teams, and to conduct periodic follow-up audits (Rector's Briefing: Action Points, item 7). On the same date Registrar Notification No. 60/2025 notified the establishment, approved by the Rector, of the Center of Research Excellence in Climate Finance (CORE-CF) at the Islamabad E-8 campus, the body that the Sustainability and Climate Action Policy designates to implement the policy and coordinate compliance monitoring.

Bahria University, Islamabad

Rector's Briefing: Action Points

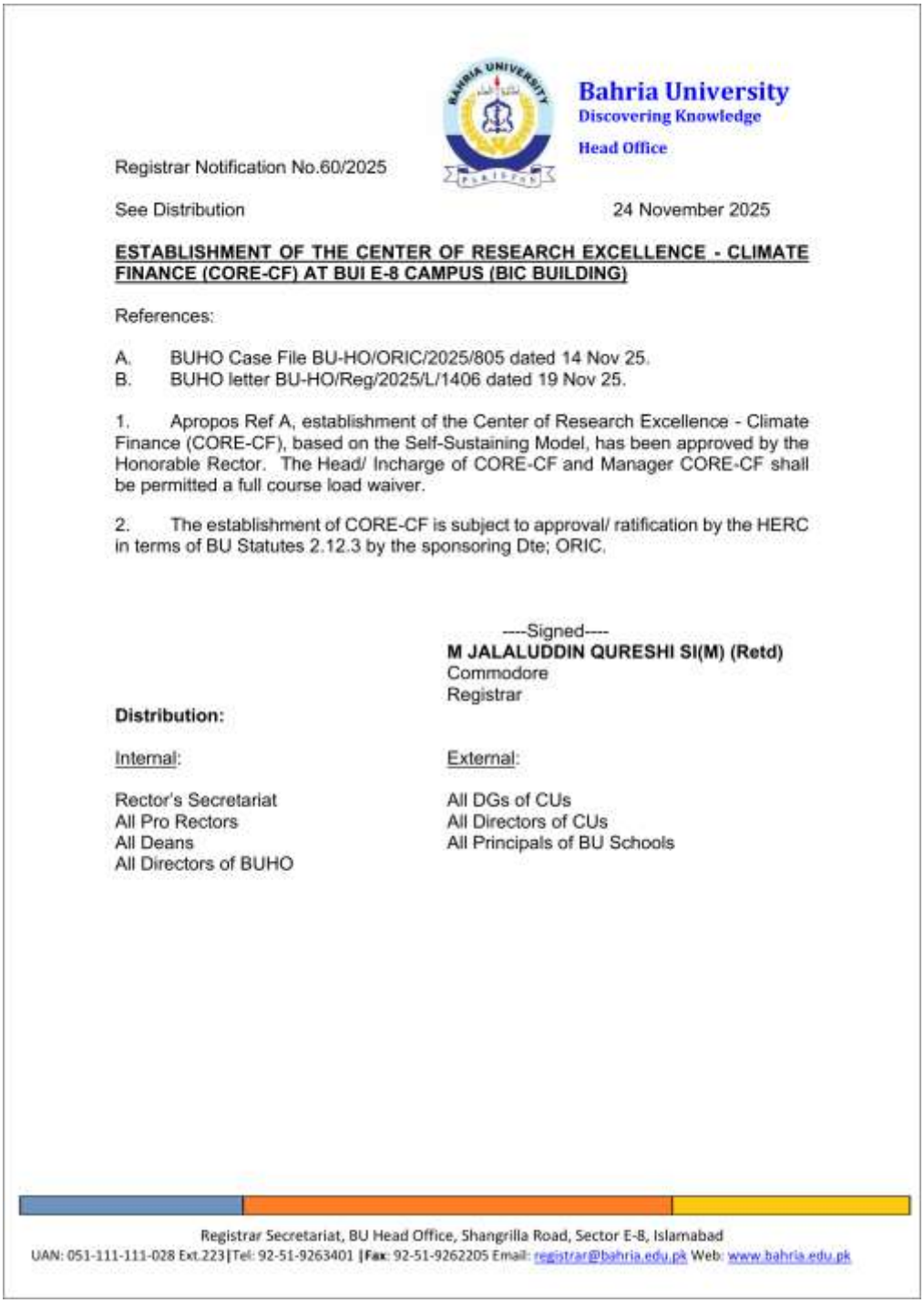
24th November, 2025

Academic Wing

Sr.N	Action Points by the Honorable Rector	Action by
7	a. Deploy AI-based tools and software to conduct comprehensive energy audits across all campuses and facilities. b. Collect and analyze real-time data on electricity, heating, cooling, and equipment usage using AI-driven systems. c. Identify inefficiencies and generate AI-powered recommendations for energy conservation and cost reduction. d. Implement the recommended measures through facility management teams and monitor performance. e. Conduct periodic follow-up audits to assess improvements and refine energy-saving strategies. f. Train relevant staff on the use and interpretation of AI-based energy audit tools.	Director Admin

Figure 38: Rector's Briefing: Action Points, Academic Wing, 24 November 2025 (extract): item 7, AI-based energy audits across all campuses and facilities and implementation of energy conservation measures; action by the Director Admin.

5. Implementation across the campuses in 2025 (continued)



Bahria University
Discovering Knowledge
Head Office

Registrar Notification No.60/2025

See Distribution

24 November 2025

ESTABLISHMENT OF THE CENTER OF RESEARCH EXCELLENCE - CLIMATE FINANCE (CORE-CF) AT BUI E-8 CAMPUS (BIC BUILDING)

References:

A. BUHO Case File BU-HO/ORIC/2025/805 dated 14 Nov 25.
B. BUHO letter BU-HO/Reg/2025/L/1406 dated 19 Nov 25.

1. Apropos Ref A, establishment of the Center of Research Excellence - Climate Finance (CORE-CF), based on the Self-Sustaining Model, has been approved by the Honorable Rector. The Head/ Incharge of CORE-CF and Manager CORE-CF shall be permitted a full course load waiver.

2. The establishment of CORE-CF is subject to approval/ ratification by the HERC in terms of BU Statutes 2.12.3 by the sponsoring Dte; ORIC.

----Signed----
M JALALUDDIN QURESHI SI(M) (Retd)
Commodore
Registrar

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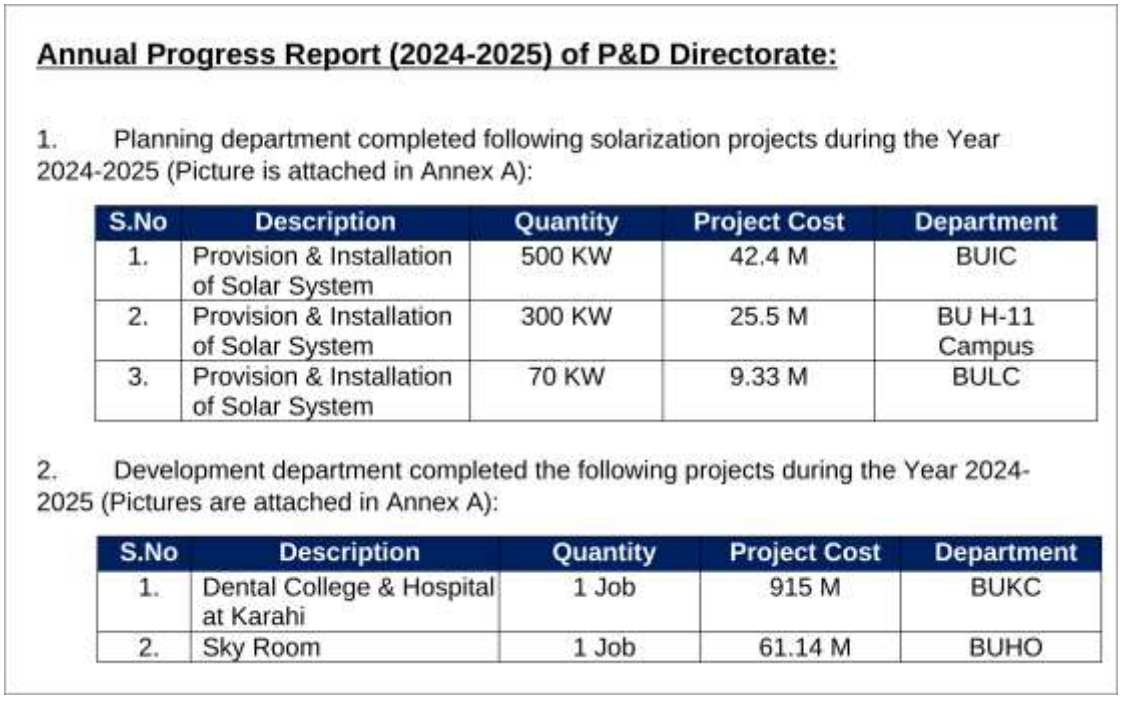
Figure 39: Registrar Notification No. 60/2025 of 24 November 2025: establishment of the Center of Research Excellence - Climate Finance (CORE-CF) at the Islamabad E-8 campus (BIC Building), approved by the Rector.

5. Implementation across the campuses in 2025 (continued): building works completed in 2024-25

The Annual Progress Report of the Directorate of Planning and Development for 2024-25 records the building works completed during the year (Table 3 and Figure 40). Three solarization projects added 870 kW of rooftop and canopy solar capacity at the Islamabad E-8, Islamabad H-11 and Lahore campuses, in line with para 6.21(c) of the HSE Policy and para 5.1.1 of the Sustainability and Climate Action Policy. The development works comprised the new building of the Bahria University Dental College and Hospital in Karachi, inaugurated on 20 September 2025, and the renovated Sky Room at the Head Office, finished with LED linear and recessed lighting and full-height glazing that admits daylight (Figures 41 to 43).

Table 3: Building works completed by the Directorate of Planning and Development, 2024-25

No.	Work	Scope	Cost (PKR million)	Campus
1	Provision and installation of solar system	500 kW	42.4	Islamabad E-8
2	Provision and installation of solar system	300 kW	25.5	Islamabad H-11
3	Provision and installation of solar system	70 kW	9.33	Lahore
4	Dental College and Hospital, new building	1 job	915	Karachi
5	Sky Room, renovation	1 job	61.14	Head Office, Islamabad



Annual Progress Report (2024-2025) of P&D Directorate:

1. Planning department completed following solarization projects during the Year 2024-2025 (Picture is attached in Annex A):

S.No	Description	Quantity	Project Cost	Department
1.	Provision & Installation of Solar System	500 KW	42.4 M	BUIC
2.	Provision & Installation of Solar System	300 KW	25.5 M	BU H-11 Campus
3.	Provision & Installation of Solar System	70 KW	9.33 M	BULC

2. Development department completed the following projects during the Year 2024-2025 (Pictures are attached in Annex A):

S.No	Description	Quantity	Project Cost	Department
1.	Dental College & Hospital at Karahi	1 Job	915 M	BUKC
2.	Sky Room	1 Job	61.14 M	BUHO

Figure 40: Annual Progress Report (2024-2025) of the Directorate of Planning and Development (extract): solarization projects (500 kW, 300 kW and 70 kW) and development projects (Dental College and Hospital, Karachi; Sky Room, Head Office) completed during 2024-25.

5. Implementation across the campuses in 2025 (continued): building works completed in 2024-25



Figure 41: Solarization projects completed in 2024-25: canopy-mounted and rooftop solar arrays. Directorate of Planning and Development, Annual Progress Report 2024-25, Annex A.



Figure 42: New building of the Bahria University Dental College and Hospital, Karachi (left; Annual Progress Report 2024-25, Annex A) and the unveiling of its plaque at the inauguration on 20 September 2025 (right; University's official Facebook page).



Figure 43: Sky Room, Head Office, renovated in 2024-25: LED linear and recessed lighting and full-height glazing. Directorate of Planning and Development, Annual Progress Report 2024-25, Annex A.
Inauguration of the Dental College and Hospital building, 20 September 2025:
https://www.facebook.com/officialBU/posts/pfbid02JzbPw4W2ENQXF43bTe3Hrzf2aLvPe8LndCzpH7rdS5iZpPHdGTAf6hgkvRE4ejeKl

5. Implementation across the campuses in 2025 (continued): solar generation

The University's campuses generated 923,403 kWh from on-campus solar systems in 2025 (Table 4), including 360,000 kWh from the 300 kW system at the Islamabad H-11 campus. At the Islamabad E-8 campus two 100 kW systems on the Sir Syed Block and the Business School block were joined by the 500 kW system, for which the campus administration records generation from October 2025 (Figures 44 and 45).

Table 4: Solar energy generated on campus, January to December 2025

Campus	System	Energy generated (kWh)	Source
Islamabad E-8	100 kW, Sir Syed Block	100,134	Campus Admin record
Islamabad E-8	100 kW, Business School block	98,209	Campus Admin record
Islamabad E-8	500 kW, generation from October 2025 (October to December)	66,140	Campus Admin record
Islamabad E-8, total		264,483	University website
Islamabad H-11	300 kW	360,000	H-11 campus record
Lahore	Solar system	55,320	University website
Health Sciences, Karachi	Solar system	243,600	University website
Total		923,403	Sum of the above

University website, Renewable Energy (2025 data for the Islamabad E-8, Lahore and Health Sciences Karachi campuses): https://www.bahria.edu.pk/content/Downloads/c3021b88-9264-4e69-a673-109498816311.pdf

5. Implementation across the campuses in 2025 (continued): solar generation



Figure 44: Islamabad E-8 campus: rooftop solar arrays on the academic blocks, with the Bahria Innovation Center in the background. Campus record, undated.



Figure 45: Lahore campus: rooftop solar arrays (top); grid-tied solar inverters and LED ceiling lights (bottom). Campus administration photographs; the inverter and lighting photographs are dated 13 May 2026.

5. Implementation across the campuses in 2025 (continued): energy-efficient building services

The campus administrations report the following energy-efficient building services (Table 5). The photographs in Figures 46 to 48 were supplied by the campus administrations in 2026 and are undated.

Table 5: Energy-efficient building services reported by the campus administrations

Campus	Lighting	Air conditioning and other services	Source
Islamabad E-8	Conventional lighting replaced with LED and SMD lights with motion sensors (more than 50 to 75 per cent)	Conventional split air conditioners replaced with inverter units (more than 50 to 75 per cent); solar systems expanded across academic and hostel blocks	Campus Admin, 2026
Islamabad H-11	LED lighting in corridors and offices; LED emergency and outdoor lights	Central air conditioning plant (Figure 46)	Campus Admin, 2026
Health Sciences, Islamabad	LED lights with light detection	Inverter split air conditioning; solar carport (Figure 47)	Campus Admin, 2026
Health Sciences, Karachi	4,020 LED lamps	Metered electricity consumption recorded for 2025	Campus Admin, 2026
Lahore	LED lights, 100 per cent (Figure 45)	Solar panels supplying 25 per cent of the total load	Campus Admin, 2026

5. Implementation across the campuses in 2025 (continued): energy-efficient building services



Figure 46: Islamabad H-11 campus: LED tube and panel lighting in offices and classrooms, LED desk lighting, LED emergency light and LED outdoor light (top row and bottom left); central air conditioning plant and variable refrigerant flow outdoor units (bottom centre and right). Supplied by the campus administration, undated.

5. Implementation across the campuses in 2025 (continued): energy-efficient building services



Figure 47: Health Sciences campus, Islamabad: LED lights with light detection (top); solar carport and inverter split air conditioner (bottom). Supplied by the campus administration, undated.



Figure 48: Health Sciences campus, Karachi: LED ceiling lamps. Supplied by the campus administration, undated.

6. Summary of evidence

Element	Evidence	Figures
Policy in place	HSE paras 1.15(c) and 6.2(j): ECBC-2023 or approved equivalent/higher standard for every new building, extension and renovation; compliance certified before design approval. Energy audits under 6.2(d).	1 to 13
Relevant standards indicated	LEED Gold or equivalent and Green Building Council Pakistan compliance (SPPP 6.1.6); new construction at least 40 per cent better than code, LED smart controls, HVAC efficiency improvement of at least 25 per cent, BMS and deep retrofit (SCAP 5.1.2); 3-star equipment (SPPP 5.2.1); ECBC-2023.	14 to 37; Table 2
Evidence of implementation	Rector's directive of 24 November 2025 on energy audits across all campuses; CORE-CF established 24 November 2025; 870 kW of solar capacity installed in 2024-25 at three campuses; new Dental College and Hospital building (inaugurated 20 September 2025) and Sky Room renovation; 923,403 kWh of solar energy generated in 2025; LED lighting, inverter air conditioning and solar systems across campuses	38 to 48; Tables 3 to 5
Policy created or reviewed, 2022 to 2026	HSE first edition 15 Nov 2021; second edition 22 Nov 2025; third edition 22 Jul 2026 (BU-HO/Admin/2026/827).	2
In place by 2025	HSE register records a 2025 edition; SPPP effective 15 Nov 2025; SCAP effective 7 Dec 2025.	2, 14, 27

The updated policies set a named energy-efficiency code for all new buildings, extensions and renovations, require compliance certification before design approval, and specify green building certification and energy-performance standards. The HSE amendment register records the 2021 origin, 2025 edition and 2026 review; the sustainability and procurement policy covers record effective dates in 2025. The retained campus records document energy audits, solar installations, building works and energy-efficient services.