Al Balqa Applied University
Al Salt - Jordan

جامعة البلقاء التطبيقية
الأردن – السلط

Policy Name:	Energy-Efficient Renovation and Building

Code:	BAU_026	Published date	2023
Reviewed date	2025	Confidentiality status:	Public
Accreditation:	Quality Assurance and Continual Improvement Council (QACIC)		

Responsibilities:

Implementation:	All BAU's Academic Colleges, Administrative Units, and Scientific Centers
Revision and improvement:	Development and Quality Assurance Center

Policy (Arabic):

تلتزم جامعة البلقاء التطبيقية بتعزيز الاستدامة البيئية وكفاءة الطاقة في حرمها الجامعي تماشياً مع استراتيجيات الطاقة الوطنية الأردنية وأفضل الممارسات الدولية، من خلال تطبيق معايير الطاقة الأردنية الحالية والتشريعات المحلية الأخرى ذات الصلة بجميع مشاريع البناء الجديدة والتجديدات الكبرى. والتحول التدريجي الى المباني الخضراء والمباني الذكية، وكذلك زيادة الاعتماد على الطاقة الشمسية كطاقة بديلة والمحافظة على مصادرها ودمجها في تصميمات المباني لتقليل الاعتماد على الوقود الأحفوري، وتحسين أداء المباني من خلال تعزيز أنظمة إدارة الطاقة لمراقبة استهلاك الطاقة وتحسينه. ونشر ثقافة التحول للطاقة النظيفة بين أفراد الجامعة والمجتمع.

Policy:

Al-Balqa Applied University (BAU) is dedicated to advancing environmental sustainability and energy efficiency throughout its campuses, aligning with Jordan's national energy strategies and international best practices. This commitment is demonstrated through the implementation of the current Jordanian Commercial Building Energy Standards (CBES) and other pertinent local regulations in all new construction and major renovation projects. BAU is progressively transitioning to green and smart buildings, enhancing energy management systems to monitor and optimize energy consumption, and integrating renewable energy sources, particularly solar energy, into building designs to reduce dependence on fossil fuels. Additionally, the university actively promotes a culture of clean energy transition among its members and the broader community, reinforcing its role in fostering sustainable development.

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Scope:

BAU Energy-Efficient Renovation and Building policy is applied on all new construction projects, major renovations, and maintenance activities across BAU's campuses and facilities.

Objectives

No.	Objective
1-	Ensure all building projects meet or exceed the current Jordanian Commercial Building Energy Standards (CBES) and relevant local regulations.
2-	Incorporate renewable energy sources, particularly solar energy, into building designs to reduce reliance on fossil fuels.
3-	Implement green and smart building principles.
4-	Employ smart building technologies and energy management systems to monitor and optimize energy consumption.

Related Procedures:

No.	Procedure
1-	Incorporate energy-efficient designs, materials, and systems in all new buildings and major renovations. This includes high-performance insulation, energy-efficient HVAC systems, LED lighting, and passive solar design elements.
2-	Expand the use of on-site renewable energy systems, such as photovoltaic solar panels, to supply a significant portion of the university's energy needs.
3-	Conduct thorough commissioning processes for new and renovated buildings to ensure systems operate as intended and achieve energy performance goals.
4-	Implement regular maintenance schedules and energy audits to identify opportunities for energy savings and system improvements.
5-	Provide training programs for facilities management staff and awareness campaigns for students and faculty to promote energy-efficient behaviors.

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Dr. Aimn