**GIRNE AMERICAN UNIVERSITY**

**ENERGY WASTAGE IDENTIFICATION POLICY**

**CHAPTER ONE**

**General Provisions**

**Article 1 – (1) Purpose:** This policy aims to systematically identify, report, and mitigate sources of avoidable energy waste across Girne American University (GAU) campuses.

**(2) Scope:** Covers all facilities, systems, and energy-using operations at GAU, including academic buildings, dormitories, laboratories, and administrative areas.

**(3) Definitions:**

* **Energy Waste:** Unnecessary or excessive use of energy due to inefficiencies or user behavior.
* **Energy Audit:** A systematic assessment to identify and quantify energy waste.
* **Corrective Action:** Measures taken to eliminate identified waste and improve efficiency.

**CHAPTER TWO**

**Identification and Prevention Practices**

**Article 2 – (1) Routine Inspections:**

* Conduct monthly energy audits of all departments.
* Identify malfunctioning or inefficient lighting, HVAC, and equipment.

**Article 3 – (1) Behavior-Based Waste:**

* Monitor areas with persistent lights, computers, or equipment left running after hours.
* Install reminder signage in shared spaces.

**Article 4 – (1) Automation and Controls:**

* Install timers, occupancy sensors, and smart systems where applicable.
* Analyze building energy management system (BEMS) data for inefficiencies.

**CHAPTER THREE**

**Reporting, Action, and Evaluation**

**Article 5 – (1) Internal Reporting System:**

* Enable staff and students to report observed energy waste via a central portal.
* Log each case with location, time, and description for review.

**Article 6 – (1) Remediation Measures:**

* Prioritize critical cases and assign Facility teams for urgent fixes.
* Implement recurring training for staff and maintenance personnel.

**Article 7 – (1) Review:**

* Evaluate effectiveness every two years and adjust inspection protocols as needed.

**References:**

* TRNC Energy Conservation Framework
* Republic of Turkey National Energy Efficiency Action Plan
* ISO 50001 Energy Management System
* UC Santa Barbara “Shut the Sash” and LightSmart Campaigns
* METU Building Performance and Wastage Detection Reports