



# URDANETA CITY UNIVERSITY POLICY ON ENERGY EFFICIENCY IN RENOVATION AND NEW BUILDING CONSTRUCTION

POLICY CREATED: 2023 | POLICY REVIEWED: 2024

POLICY TITLE:

ENERGY EFFICIENCY STANDARDS FOR INFRASTRUCTURE PROJECTS

POLICY CODE:

UCU-ENV-EE-2023

PURPOSE:

TO ENSURE THAT ALL RENOVATIONS AND NEW BUILDING CONSTRUCTIONS UNDERTAKEN BY URDANETA CITY UNIVERSITY MEET NATIONAL AND INTERNATIONAL ENERGY EFFICIENCY STANDARDS, PROMOTING SUSTAINABLE AND ENVIRONMENTALLY RESPONSIBLE CAMPUS DEVELOPMENT.

SCOPE:

THIS POLICY APPLIES TO ALL UNIVERSITY-OWNED, LEASED, AND MANAGED BUILDINGS, FACILITIES, AND INFRASTRUCTURE PROJECTS WITHIN UCU PREMISES.

POLICY STATEMENT:

URDANETA CITY UNIVERSITY IS COMMITTED TO ENERGY-EFFICIENT AND SUSTAINABLE INFRASTRUCTURE DEVELOPMENT. ALL RENOVATIONS AND NEW CONSTRUCTIONS SHALL ADHERE TO THE FOLLOWING STANDARDS:

- PHILIPPINE GREEN BUILDING CODE (2015)
- REPUBLIC ACT 11285 - ENERGY EFFICIENCY AND CONSERVATION ACT (2019)
- DEPARTMENT OF ENERGY (DOE) ENERGY EFFICIENCY GUIDELINES FOR BUILDINGS
- LOCAL GOVERNMENT ENVIRONMENTAL AND BUILDING ORDINANCES

POLICY GUIDELINES:

1. DESIGN AND PLANNING:

- A. INCORPORATE PASSIVE COOLING AND NATURAL LIGHTING IN ALL DESIGNS.
- B. PRIORITIZE ENERGY-EFFICIENT LIGHTING, HVAC SYSTEMS, AND APPLIANCES.
- C. EVALUATE RENEWABLE ENERGY INTEGRATION (E.G., SOLAR PANELS, HYBRID SYSTEMS).

2. CONSTRUCTION AND RENOVATION:

- A. CONTRACTORS MUST COMPLY WITH DOE ENERGY EFFICIENCY STANDARDS AND SUBMIT AN ENERGY EFFICIENCY COMPLIANCE REPORT (EECR) BEFORE PROJECT APPROVAL.

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# URDANETA CITY UNIVERSITY POLICY ON ENERGY EFFICIENCY IN RENOVATION AND NEW BUILDING CONSTRUCTION

- UTILIZE ECO-FRIENDLY AND ENERGY-EFFICIENT CONSTRUCTION MATERIALS.
- RETROFIT EXISTING STRUCTURES TO IMPROVE ENERGY PERFORMANCE WHERE FEASIBLE.

## 3. MONITORING AND ASSESSMENT:

- THE INFRASTRUCTURE AND FACILITIES OFFICE SHALL CONDUCT ENERGY AUDITS ANNUALLY.
- RESULTS SHALL BE SUBMITTED TO THE ENVIRONMENTAL SUSTAINABILITY COMMITTEE FOR EVALUATION AND IMPROVEMENT.

## 4. TRAINING AND CAPACITY BUILDING:

- THE UNIVERSITY SHALL PROVIDE REGULAR TRAINING FOR ENGINEERS, ARCHITECTS, AND MAINTENANCE STAFF ON UPDATED ENERGY EFFICIENCY PRACTICES.
- ENCOURAGE STUDENT PARTICIPATION IN ENERGY CONSERVATION PROJECTS AND RESEARCH.

## 5. REVIEW AND IMPROVEMENT:

- THE POLICY SHALL BE REVIEWED EVERY TWO (2) YEARS OR UPON THE RELEASE OF NEW NATIONAL OR INTERNATIONAL STANDARDS.
- THE 2024 REVIEW INCLUDED THE INTRODUCTION OF A GREEN CAMPUS CERTIFICATION PROGRAM TO STRENGTHEN THE MONITORING OF BUILDING PERFORMANCE.

## RESPONSIBLE OFFICES:

- INFRASTRUCTURE AND FACILITIES OFFICE - IMPLEMENTATION, MONITORING, AND COMPLIANCE.
- ENVIRONMENTAL SUSTAINABILITY COMMITTEE - POLICY EVALUATION AND IMPROVEMENT.
- OFFICE OF THE UNIVERSITY PRESIDENT - FINAL POLICY APPROVAL AND RESOURCE ALLOCATION.

## EFFECTIVITY:

THIS POLICY TOOK EFFECT UPON ITS APPROVAL IN 2023 AND WAS REVIEWED AND REAFFIRMED IN 2024 TO ENSURE CONTINUED ALIGNMENT WITH EVOLVING SUSTAINABILITY GOALS.



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