URDANETA CITY UNIVERSITY'S ENERGY EFFICIENCY POLICY FOR SUSTAINABLE INFRASTRUCTURE (2023–2024)

IN ALIGNMENT WITH THE UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS (SDG 7: AFFORDABLE AND CLEAN ENERGY AND SDG 11: SUSTAINABLE CITIES AND COMMUNITIES), URDANETA CITY UNIVERSITY (UCU) ADOPTED AND IMPLEMENTED ITS ENERGY EFFICIENCY IN INFRASTRUCTURE POLICY IN 2023, WHICH WAS THOROUGHLY REVIEWED AND ENHANCED IN 2024.

THIS POLICY SERVES AS A GUIDING FRAMEWORK ENSURING THAT ALL NEW CONSTRUCTION AND RENOVATION PROJECTS ON CAMPUS COMPLY WITH RECOGNIZED ENERGY EFFICIENCY AND SUSTAINABILITY STANDARDS, PARTICULARLY THE PHILIPPINE GREEN BUILDING CODE (2015), THE ENERGY EFFICIENCY AND CONSERVATION ACT (REPUBLIC ACT NO. 11285), AND THE DEPARTMENT OF ENERGY (DOE) GUIDELINES FOR ENERGY EFFICIENCY IN BUILDINGS.

THE UNIVERSITY ENSURES THAT ALL DEVELOPMENT PROJECTS INTEGRATE ENVIRONMENTALLY SUSTAINABLE AND ENERGY-EFFICIENT DESIGNS, INCLUDING:

THE INSTALLATION OF ENERGY-EFFICIENT LIGHTING, HVAC, AND ELECTRICAL SYSTEMS; INCORPORATION OF NATURAL LIGHTING AND VENTILATION IN ARCHITECTURAL PLANS; THE USE OF SOLAR AND RENEWABLE ENERGY SOURCES WHERE APPLICABLE; ADOPTION OF SMART BUILDING TECHNOLOGIES TO MONITOR AND MINIMIZE ENERGY USE; AND
USE OF ECO-FRIENDLY MATERIALS AND INSULATION THAT REDUCE ENERGY LOSS.

THE INFRASTRUCTURE AND FACILITIES OFFICE CONDUCTS ENERGY EFFICIENCY ASSESSMENTS AT VARIOUS STAGES OF CONSTRUCTION AND RENOVATION TO ENSURE COMPLIANCE WITH THE APPROVED STANDARDS. THESE EFFORTS ARE CLOSELY COORDINATED WITH CERTIFIED ENGINEERS, ARCHITECTS, AND SUSTAINABILITY CONSULTANTS.

IN 2024, THE POLICY WAS REVIEWED AND UPDATED TO INCLUDE THE IMPLEMENTATION OF A GREEN CAMPUS CERTIFICATION PROGRAM, WHICH ENCOURAGES CONTINUOUS MONITORING AND IMPROVEMENT OF UCU'S BUILDING PERFORMANCE. THE INITIATIVE NOT ONLY ENSURES ENVIRONMENTAL RESPONSIBILITY BUT ALSO PROMOTES A CULTURE OF SUSTAINABILITY AMONG THE UCU COMMUNITY.

THROUGH THESE STRATEGIC ACTIONS, URDANETA CITY UNIVERSITY CONTINUES TO ADVANCE ITS COMMITMENT TO REDUCING ITS CARBON FOOTPRINT, ENHANCING RESOURCE EFFICIENCY, AND CONTRIBUTING TO A CLEANER, SAFER, AND MORE SUSTAINABLE LEARNING ENVIRONMENT.

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7 AFFORDABLE AND CLEAN ENERGY

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