SDG 7. Affordable and Clean Energy



Energizing Excellence

A cornerstone of TAU's commitment to having affordable and clean energy is the strategic installation of a solar power system in its newly constructed Swine Laboratory. Beyond rooftop solar panels, the project also features solar-powered perimeter lighting, significantly reducing reliance on traditional power grids. This initiative ensures that the University's infrastructure development is increasingly fueled by clean, renewable, and reliable energy sources. In addition to diversifying our energy sources, TAU actively promotes energy-efficient practices through the university-wide use of LED lighting and inverter-type appliances.

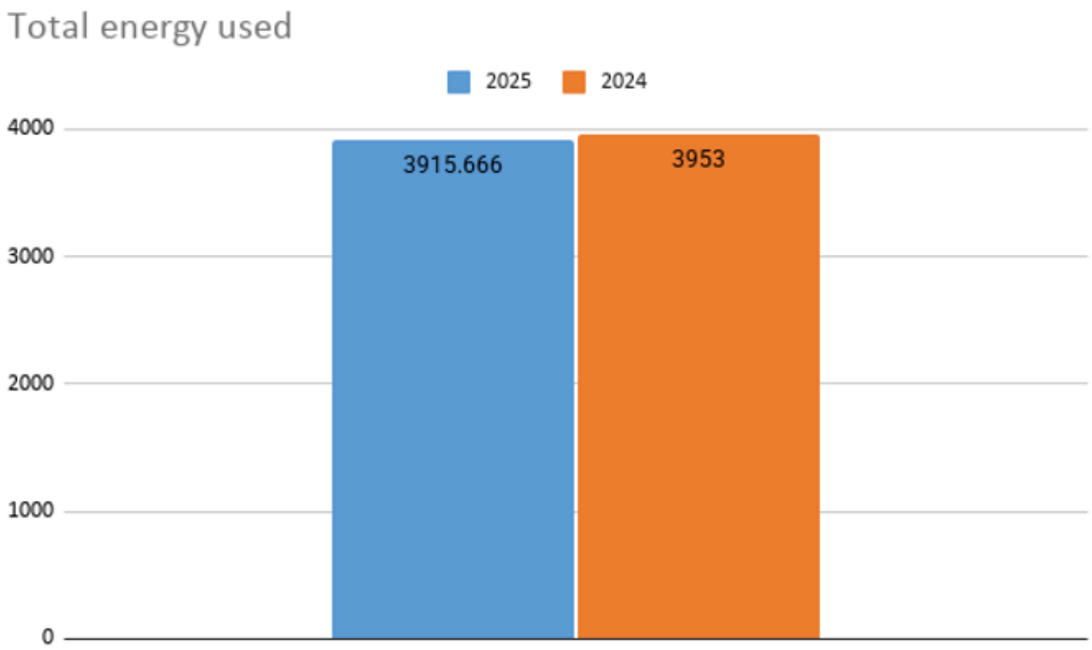


SDG 7. Affordable and Clean Energy

Key Statistics and Institutional Performance

In 2025, the University recorded a total energy consumption of 3,915.67 Gigajoules (GJ) from traditional sources, translating to an efficiency rate of 0.05 GJ per square meter. This represents a 0.94% decrease in consumption compared to 2024, signaling a steady and successful trajectory in TAU's transition toward sustainable energy management.

In other words, in terms of energy use density. Data shows a positive trend in the energy consumption of the university. The total energy consumption has decreased from 3,953 in 2024 to 3,915.666 in 2025. That is a total decrease of 37.334 units or roughly 0.94% year-on-year.



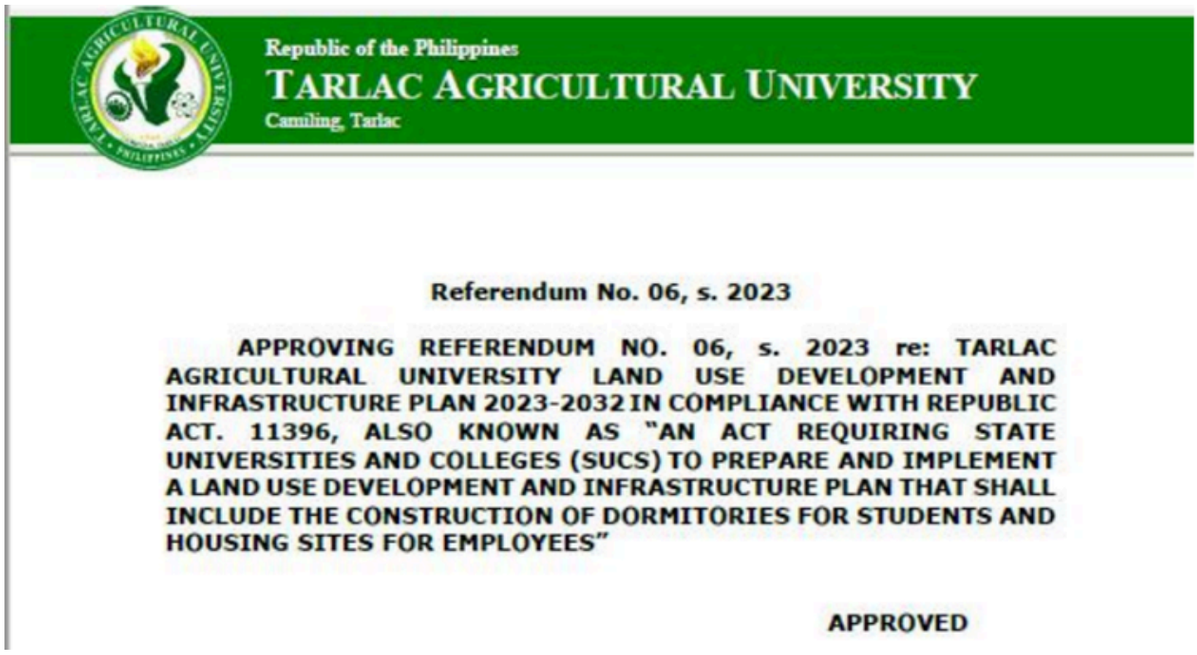
The reduction demonstrates the university's progress in managing its total energy use and promoting more efficient use of energy across its operations. This reduction is relatively modest, but in the positive direction of reducing energy demand and improving institutional efforts to promote energy conservation and environmental sustainability.

For future thrusts, TAU is set to install solar-powered street lights along campus thoroughfares, further solidifying its position in expanding its renewable footprint.

7 AFFORDABLE AND CLEAN ENERGY

SDG 7. Affordable and Clean Energy

Policy, Programs, and Activities



Republic of the Philippines
TARLAC AGRICULTURAL UNIVERSITY
Camiling, Tarlac

Referendum No. 06, s. 2023

APPROVING REFERENDUM NO. 06, s. 2023 re: TARLAC AGRICULTURAL UNIVERSITY LAND USE DEVELOPMENT AND INFRASTRUCTURE PLAN 2023-2032 IN COMPLIANCE WITH REPUBLIC ACT. 11396, ALSO KNOWN AS "AN ACT REQUIRING STATE UNIVERSITIES AND COLLEGES (SUCS) TO PREPARE AND IMPLEMENT A LAND USE DEVELOPMENT AND INFRASTRUCTURE PLAN THAT SHALL INCLUDE THE CONSTRUCTION OF DORMITORIES FOR STUDENTS AND HOUSING SITES FOR EMPLOYEES"

APPROVED

Approved by the TAU Board of Regents by Referendum No. 06, s. 2023 and is still in implementation, the Land Use and Infrastructure Development Plan (LUDIP) outlines the infrastructure objectives of TAU, and they include upgrading the current infrastructure to more energy-efficient infrastructures. The Infrastructure Sector has the following objectives, which involve implementing hybrid energy systems, installing renewable energy systems, and updating the current electricity generation systems to more energy-efficient infrastructures until 2032. The project will be one of the several projects designed to ensure sustainable development and ensure that the infrastructure of TAU supports its mission to become environmentally balanced and disaster resilient.

Car-Free Initiative

The Policy and Guidelines on the Use of University Motor Cars by Tarlac Agricultural University (TAU) encourages the efficient use of university vehicles, which serve as a means of carbon control. In order to minimize fuel consumption and the resulting greenhouse gas emissions, the plan focuses on the limited use of cars for official purposes, maximizing vehicle capacity (through car pooling), and managing finances responsibly.



SDG 7. Affordable and Clean Energy

Moreover, preventive maintenance leads to optimal performance of the vehicles, which may result in the reduction of emissions from inefficiency. Nevertheless, as a component of an environmental strategy, the project does not specifically target carbon management or carbon dioxide reduction. Such projects should be encouraged through more direct action, such as using electric vehicles.

GSD

Republic of the Philippines
TARLAC AGRICULTURAL UNIVERSITY
Camiling, Tarlac

Resolution No. 87, Series of 2025

A RESOLUTION APPROVING THE IMPLEMENTATION OF "CAMPUS CAR-FREE FRIDAY"

WHEREAS, the implementation of a car-free policy within the campus of Tarlac Agricultural University (TAU) addresses pressing public health concerns, complies with national legal mandates, and advances the institution's long-standing commitment to environmental sustainability;

WHEREAS, vehicular emissions significantly degrade campus air quality, posing serious health risks to students, faculty, staff, and visitors through exposure to air pollutants known to cause or exacerbate respiratory and cardiovascular illnesses;

WHEREAS, this initiative directly aligns with national laws such as the Philippine Clean Air Act of 1999 (Republic Act No. 8749) and the Energy Efficiency and Conservation Act of 2019 (Republic Act No. 11285), both of which promote environmental protection and responsible energy use;

WHEREAS, by designating Fridays as car-free days on campus, the University promotes reduced fossil fuel consumption, contributes to national energy independence, and supports the personal economic welfare of the university community through reduced transportation costs;

WHEREAS, the proposed policy also supports Strategic Goal 13 (SG13) of the Tarlac Agricultural University Strategic Framework, which aims to build a "Resilient, Conducive, and Environmentally-Friendly Campus" by reducing the institution's carbon footprint, noise pollution, and traffic congestion;

WHEREAS, the policy reinforces TAU's role as a model institution for environmental leadership in higher education and fosters a culture of ecological mindfulness and sustainability;

NOW, THEREFORE, on motion duly made and seconded, **BE IT RESOLVED,** as it is hereby **RESOLVED,** that the Board of Regents hereby approves the implementation of the "Campus Car-Free Friday" policy as a strategic environmental and health initiative of Tarlac Agricultural University;

RESOLVED FURTHER, that the University President is hereby authorized to develop and issue the corresponding implementing guidelines, ensure appropriate coordination with relevant stakeholders, and monitor the effective and sustainable enforcement of the policy;

APPROVED this 7th day of October 2025, during the 37th Regular Meeting of the Board of Regents held at Tarlac Agricultural University (TAU), Camiling, Tarlac.

BOARD OF REGENTS

HON. DESIDERIO R. APAG III, D. ENG, PCPE
Commissioner, Commission on Higher Education
Chairperson, TAU Board of Regents

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A RESOLUTION APPROVING THE IMPLEMENTATION OF "CAMPUS CAR-FREE FRIDAY"

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