

Annual Report on SDG7: Affordable and Clean Energy

7.2 University measures towards affordable and clean energy

7.2.2 Upgrade existing buildings to higher energy efficiency

Thaksin University, Songkhla Campus, has been designated as a controlled building in accordance with the Ministerial Regulation on Standards, Criteria, and Methods for Energy Management in Factories and Controlled Buildings B.E. 2552 (2009), as well as the Ministry of Energy's Announcement on the Criteria and Methods for Energy Management in Factories and Controlled Buildings B.E. 2552 (2009).

The regulation requires both internal audits and external certification audits. Regarding the external audit and certification process, it specifies that "the owners of factories and controlled buildings shall arrange for the inspection and certification of their energy management systems by qualified auditors and certifiers." This must be carried out by officers, individuals, or juristic persons authorized by the Director-General of the Department of Alternative Energy Development and Efficiency (DEDE) in accordance with the stipulated requirements.

Therefore, Thaksin University organizes **the Energy Conservation and Controlled Building Management Project** annually to provide the energy management working group with knowledge and understanding of the procedures for preparing the required reports, ensure that the audit and certification of the reports are complete and accurate in accordance with the Ministerial Regulation on Standards, Criteria, and Methods for Energy Management in Factories and Controlled Buildings B.E. 2552 (2009), ensure that the energy management system of the controlled buildings at Thaksin University, Songkhla Campus, complies with legal requirements and relevant standards, and further develop and improve the energy management system at Thaksin University, Songkhla Campus, enhancing efficiency, reducing energy costs, and promoting energy conservation. The following is an example of report on the Energy Conservation and Controlled Building Management Project in the fiscal year of 2025, conducted in 2024.



รายงานผลการดำเนินงาน
โครงการอนุรักษ์พลังงานและการจัดการอาคารควบคุม
มหาวิทยาลัยทักษิณ วิทยาเขตสงขลา
ประจำปีงบประมาณ ๒๕๖๔



โดย
กลุ่มภารกิจพัฒนาโครงสร้างพื้นฐาน สำนักงานวิทยาเขตสงขลา
มหาวิทยาลัยทักษิณ

Public evidence: https://skenergy.tsu.ac.th/upload/menu/doc_20250806_131800.pdf

In addition, Thaksin University has also made systematic improvements to campus infrastructure. Notably, Thaksin University's Multi-Function 1 (MF 1) Building underwent an energy-efficiency improvement project in which all curtains throughout the building were replaced with heat-blocking variants reducing the energy required for air conditioning units to reduce the temperature within the building, totalling in 349,500 Baht of replacement costs.

This initiative demonstrates the university's commitment to enhancing energy efficiency and promoting sustainable building management practices to improve indoor environment quality.

