Annual Report
on SDG 7 Affordable and Clean Energy

7.4 Energy and the community

7.4.4 Does your university as a body inform and support government in clean energy and energy-efficient technology policy development?

Thaksin University, as a body, informs and supports government at national and provincial level in developing clean energy and energy-efficient technology policy, in three ways. First, it informs government directly: (1) its executives met the Governor of Phatthalung and the UN as the province's knowledge and technology hub for its green-economy plan; (2) its Energy Conservation Unit prepares the energy management report required by the energy conservation law, reviewed by the IEnA committee, and provided information to the Songkhla Provincial Energy Office's survey of renewable-energy and energy-conservation potential; (3) it took part in the Provincial Electricity Authority's CARBONFORM greenhouse gas workshop and attends PEA's major-user forums every year; and (4) it reports waste and carbon-footprint reductions into MHESI's ECOLIFE in U system, supporting the national carbon-neutrality goal. Second, it supports clean-energy technology: (5) with the National Innovation Agency (NIA) and KMUTNB it is building the workforce and innovation base for the electric-vehicle (EV) industry; and (6) it installed a solar power system in Phatthalung Campus as a renewable-energy model for local communities and agencies. Third, it puts energy policy into practice: (7) the Thaksin University Demonstration Secondary School Energy Reduction and Waste Management Policy B.E. 2568.

Area	Government agency / partner	Thaksin University's action
1. Informing and supporting Phatthalung Province on sustainable development and green-economy policy	Phatthalung Province (Mr. Rattasart Chidchu, Governor of Phatthalung) and the Office of the UN Resident Coordinator in Thailand (Ms. Michaela Friberg-Storey), under the Ministry of Interior–UN cooperation	On 14 March 2025, at the Nora Meeting Room, Phatthalung Provincial Hall, TSU executives (Asst. Prof. Dr. Thanya Phanritdam, Vice President for Phatthalung Campus; Assoc. Prof. Dr. Samak Kaewsuksaeng, Vice President for Research and Innovation; and Asst. Prof. Dr. Siraya Sitthisan, Vice President for Student Affairs and Engagement) met the Governor and UN representatives to advance the province's SDG agenda under its "Sustainability Phatthalung" vision and the Statement of Commitment to Sustainable Thailand (5Ps: People, Prosperity, Planet, Peace, Partnership). The Phatthalung Development Plan 2023–2027 focuses on sustainable agriculture, bio-innovation and technology, and a green economy, and TSU was positioned as the hub that delivers knowledge, technology and suitable innovations to the province.
2. Reporting energy-management data and informing government energy agencies	Songkhla Provincial Energy Office (Ministry of Energy) and the IEnA committee that reviews energy management reports under the	The Energy Conservation Unit (Infrastructure Development Division) prepares the university's energy management report under the Energy Conservation Promotion Act B.E. 2535 (amended B.E. 2550) and the Ministerial Regulation on energy management standards for designated factories and buildings B.E. 2552. The Songkhla Provincial Energy Office also carried out a field survey of renewable-energy potential and energy-conservation

Area	Government agency / partner	Thaksin University's action
	energy conservation law	promotion, with the university providing information (posted 6 August 2025). The university publishes its energy data at skenergy.tsu.ac.th, including annual electricity bills (2017–2025), AMR meter consumption graphs, specific energy consumption (SEC), energy management reports, energy-saving policy and measures, and appointment orders for its energy working group.
3. Working with the Provincial Electricity Authority on greenhouse gas assessment and electricity use	Provincial Electricity Authority (PEA), a state enterprise under the Ministry of Interior	On 11 December 2024, the university's Energy Conservation Unit attended PEA's workshop on organisational greenhouse gas assessment and a demonstration of PEA's CARBONFORM platform, learning to use this government tool to assess and report organisational emissions. The university also regularly attends PEA's seminars for major and key electricity users (2024; 26 September 2025), which are forums for exchanging information on electricity use and energy management between users and the state utility.
4. Informing national carbon-neutrality policy through data (ECOLIFE in U)	Ministry of Higher Education, Science, Research and Innovation (MHESI), with Kid Kid Co., Ltd.	Thaksin University took part in MHESI's ECOLIFE in U programme in 2024 (August 2024 – May 2025). Using the ECOLIFE Fill-in system, the university weighed and sorted waste and analysed the resulting greenhouse gas reductions. This data was reported into MHESI's system, which the ministry uses to track progress towards Thailand's carbon-neutrality goal. The university was ranked among the top 3 higher-

Area	Government agency / partner	Thaksin University's action
		education institutions for the largest reductions in waste weight and carbon footprint, and received the award on 28 August 2025 at the Office of the Permanent Secretary, MHESI (Yothi). The work builds on the TSU GREEN HEART and TSU GO GREEN programmes (the 2nd TSU GO GREEN, on 11 February 2025, showcased 44 outfits made from waste materials and more than 52 eco-product designs by students) and the course 000015131 Volunteerism for Social Development.
5. Supporting clean-energy technology and the electric-vehicle (EV) workforce	National Innovation Agency (NIA) and King Mongkut's University of Technology North Bangkok (KMUTNB), through its High-Skilled Workforce Development Project for the Next-Generation Automotive (EV) Industry	On 9 October 2025, the Faculty of Engineering (Phatthalung Campus), led by the President and the Dean, met NIA and KMUTNB to agree on a framework for cooperation to: (1) set up an EV Training unit offering up-skilling and re-skilling courses; (2) develop skilled workers for Thailand's EV industry; and (3) move research and innovation into commercial use by linking the university with the public and private sectors. The meeting also planned support for innovation-driven enterprises (IDE) and a University Innovation Hub, in line with the national strategy for science, research and innovation (SRI).
6. Demonstrating renewable energy as a	Local agencies and communities in Phatthalung Province (target	On 13 May 2025, the university installed a solar power system at its Institute for Academic Service Promotion (สสช.), Phanang Tung area, Khuan Khanun District, Phatthalung, under SDG 7. The project

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model for communities and local agencies	groups for scale-up and awareness)	promotes clean and renewable energy, reduces long-term reliance on fossil fuels and greenhouse gas emissions, and is intended as a local model for applying clean technology. It aims to extend renewable energy use to nearby communities and raise environmental awareness among residents and local agencies in Phatthalung.
7. Putting energy-saving policy into practice in schools	Thaksin University Demonstration Secondary School (a unit of the university)	On 7 November 2025, the school announced its Energy Reduction and Waste Management Policy B.E. 2568, in force from the 2025 academic year. It covers: (1) energy reduction through appropriate use of electricity and air conditioning; (2) plastic reduction through personal cups and cloth bags; and (3) waste sorting towards a Zero Waste School. The policy aims to make it a Green School and supports the university's SDG goals, providing a working model of energy-saving practice at school level.

Public evidence:

Thaksin University and the UN Work with Phatthalung's Governor to Advance the SDGs and Build a More Sustainable Phatthalung (14 March 2025)
https://www.tsu.ac.th/home/details.php?id=4990

Thaksin University's Energy Conservation Website (Electricity Consumption Data, Specific Energy Consumption [SEC], Energy Management Reports, Policies, and Measures)
https://skenergy.tsu.ac.th/
https://skenergy.tsu.ac.th/detail.php?id_list=23&aNum=20260313150535

Songkhla Provincial Energy Office Conducts a Field Survey to Assess Renewable Energy Potential and Promote Energy Conservation (6 August 2025)
https://skenergy.tsu.ac.th/detail.php?id_list=20&aNum=20250806135811

Workshop on Organizational Greenhouse Gas Emissions Assessment and Demonstration of the Provincial Electricity Authority's CARBONFORM Platform (11 December 2024)
https://skenergy.tsu.ac.th/detail.php?id_list=21&aNum=20250806140054

Thaksin University Sets a Carbon Neutrality Goal to Tackle the Climate Crisis and Advance Sustainability (26 August 2025)
https://www.tsu.ac.th/home/details.php?id=5442

TSU Go Green
https://www.tsu.ac.th/home/details.php?id=4682

Thaksin University's Faculty of Engineering Joins Forces with Partners to Commercialize Innovations and Train Workers for the EV Industry (9 October 2025)
https://www.tsu.ac.th/home/details.php?id=5529

Thaksin University Advances Clean Energy by Installing a Solar Power System at the Institute for Academic Service Promotion in Phatthalung (13 May 2025)
https://www.tsu.ac.th/home/details.php?id=5147

Thaksin University Demonstration School's Secondary Division Announces Its 2025 Policy on Reducing Energy Use and Managing Waste (7 November 2025)
https://www.satittsu.ac.th/news_detial.php?newsid=674