



# Energy Conservation Actions for a Zero-Carbon Campus (NU2026)

(Summary Version)

## 1. Basic Policy (Excerpt)

The Tokai National Higher Education and Research System (THERS) promotes reductions in campus energy consumption and actively demonstrates its commitment to achieving a carbon-neutral society for the local community. Under the “Energy Conservation Actions for a Zero-Carbon Campus,” one of the guiding policies for this initiative, Nagoya University advances institution-wide efforts to improve energy efficiency among all members of the University. In FY2026, we will continue to thoroughly implement the steady energy conservation and electricity saving efforts made to date, while also placing greater emphasis on energy conservation and electricity saving measures through facility improvements.

## 2. Key Energy Conservation and Electricity Saving Measures

< Initiatives by University Members >

### (1) Reduce lighting and air conditioning energy consumption by consolidating classrooms for self-study

As large classrooms are sometimes used by only a small number of scattered students for self-study, the rooms available for self-study will be limited. (Rooms not available for self-study will be clearly indicated.)

### (2) Ensure doors and windows are kept closed when heating and cooling

A survey found that in approximately 20% of classrooms, doors were left open while the heating or cooling was in use. Doors and windows should be kept closed when heating and cooling, and adequate air flow should be maintained by using ventilation fans or other means.

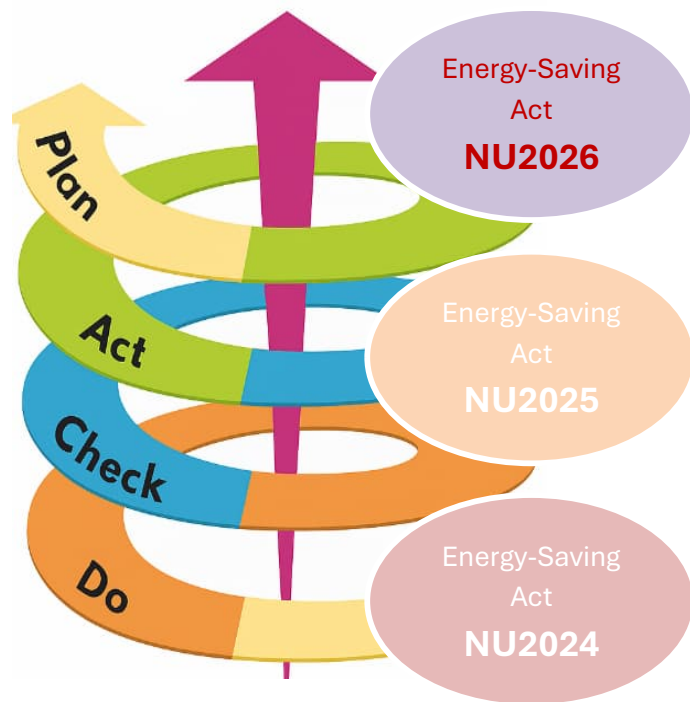
### (3) Avoid extreme thermostat settings at start-up

Frequent instances of excessively high or low air-conditioning temperature settings have been observed. Therefore, as a general rule, the temperature should be set to 27°C for cooling and °C for heating, and temperatures should not be set above or below these levels. If the set temperature is changed to suit the indoor environment, it must be returned to the original setting.

\*Please adjust operations according to actual usage conditions, with due consideration for health and safety. while giving due consideration to health and safety management.



CO2 Emissions from Total Energy Consumption  
Reduce CO2 emissions by at least **51%** by **2030**



### Action Plan:

- ① Ensure proper use of lecture rooms for self-study
- ② Ensure that doors and windows are kept closed when cooling or heating.
- ③ Avoid extreme temperature settings when turning on the air conditioning

### Plan/Do: Appropriate Use of Air Conditioning and Ventilation in Classrooms and Common Areas

- ① Number of Users
- ② Air conditioning and ventilation ON/OFF control and settings
- ③ Lighting range

### Check: Survey of Lecture Room Usage

- ① Large lecture rooms were used for self-study by a small number of students.
- ② In about 20% of lecture rooms, air conditioning was used with the door left open, and some temperature settings were excessively high or low.

### Plan/Do: Appropriate Use of Air Conditioning, Ventilation, and Lighting

- ① Air conditioning and lighting ON/OFF control
- ② Total heat exchange settings

### Check: Survey of Lecture Room Usage

- ① Initially, lights were left on and air conditioning temperatures were set too high or too low, but improvements were observed later.
- ② The automatic mode of the Total Heat Exchanger is not being consistently used.



Energy-Saving Special Website



Energy Consumption