

# Cooperate for Environmental Load Reduction

University of Tsukuba  
Environmental Policy



**The utility charges of the University of Tsukuba is 20 million yen per year.**

※Results for AY 2017

## Energy saving in lights

< Turn off the lights >

- Turn off the lights except in places necessary to operation, etc.
- Turn off the lights during lunch breaks.
- Wipe dirty lamps.
- Less lighting time
- Save 50 yen per hour and save about 12,000 per year by turning off the lights in laboratories (20m<sup>2</sup>).

## Energy Saving in Air-Conditioning

< 28°C in summer and 19°C in winter >

- 28°C in summer
- 19°C in winter
- Clean filters.
- Do not leave rooms open with the air-conditioning turned on.
- Save 90 yen per month and save about 1,100 per year by changing the thermostat at 1°C in laboratories.

## Energy Saving in Office Automation Equipment

< Turn off when not in use >

- Use power saving mode of equipment.
- Consolidate the number of units in operation.
- Clean exhaust spout of equipment.
- Reduce standby electricity by power discontinuity.
- Save 1,420 yen per hour and save about 17,000 per year by use of power saving mode of 1 laptop.

## Energy Saving in Educational and Research Equipment

< Efficient Operation >

- For equipment that needs to be maintained, conduct maintenance.
- For equipment that requires a measurable amount of power, adjust operation.
- For renewed equipment, introduce energy saving equipment, etc.
- Clean exhaust spout of equipment.
- Save about 22,000 yen per year with one less industrial refrigerator (560L).

## Other

< Other Energy Saving Initiatives >

- Enforce cool biz and warm biz.
- Put down the toilet seat lid after use.
- Save about 230 yen per month and save about 2,800 yen per year per toilet by putting down the toilet seat lid.
- Reduce the use of elevators.
- Conserve water.

【Excerpt from the Energy Saving Action Plan for AY 2018 of the University of Tsukuba】