

CSR Activities | Environment

Reduce Water Usage

[Background of Objectives](#)
[Fiscal 2017 Goals and Achievements](#)
[Future Activities](#)
[Concrete Activities](#)

Background of Objectives

Usable water resources on the planet are limited. In view of the expected future rise in water use due to economic growth and population increases in developing countries, the availability of water has been cited as a global risk. In response to this trend, TDK set a target for reducing the volume of water used in production activities and is striving to gauge the water risk.

Fiscal 2017 Goals and Achievements

Goal

- Reduce the amount of water usage by 1.0% compared with the previous year

Achievement

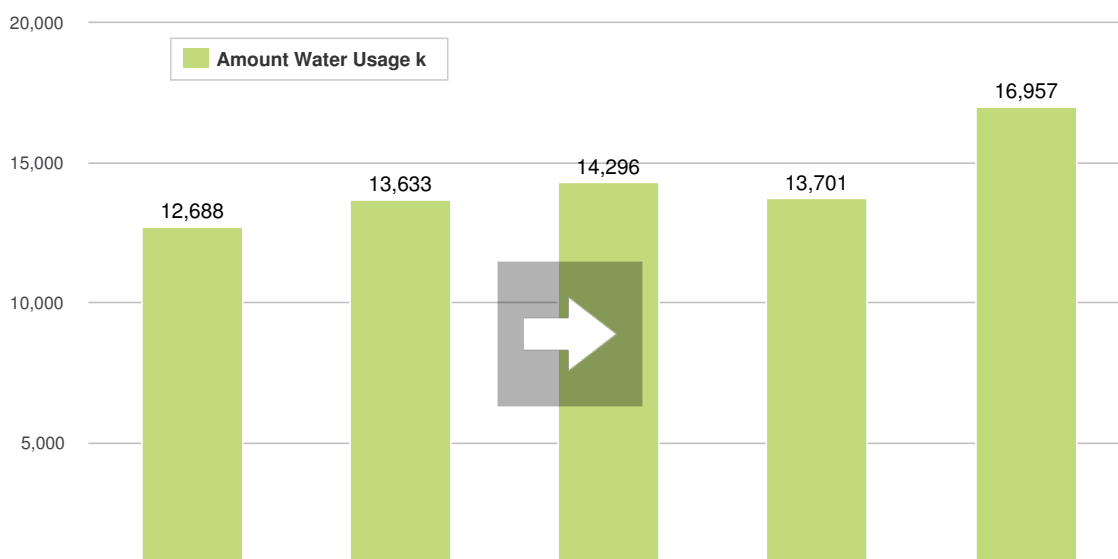
- Increased by 23.8% compared with the previous year

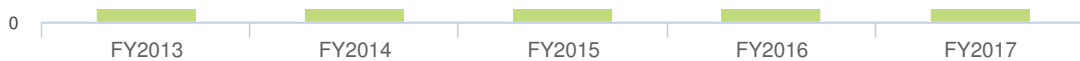
Main activities and measures

- Improve water usage basic-unit by 1.0% compared with the previous year
- Improve the rate of recycle use

The total amount of water used in FY2017 increased by 23.8% compared to the previous year to 16,957 million m³, and the goal was not achieved. The total amount includes 4,241 million m³ from business sites that were added to the TDK Group in FY2017.

Trend of Amount Water Usage (Global)



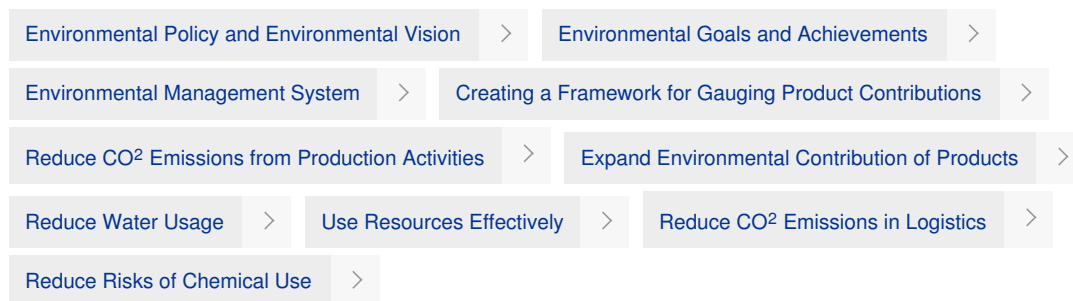


Future Activities

TDK will conduct water risks surveys in each country and region, consider the establishment of water risk indicators in site catchment areas, and in particular endeavor to promote the reduction of water use in water-shortage regions.

Concrete Activities

- Cyclic usage of cooling water
- Reuse of pure water from used vacuum pumps in cooling towers
- Use of rainwater as toilet cleansing water, etc.
- Collection of fallen snow and use as aid for cold energy recovery apparatus
- Use of recycled water in production processes



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