

# Resource Conservation

We are reducing paper consumption as part of our strategy to conserve resources. TEL is also taking other measures for effective use of resources, such as water conservation, avoiding vehicle engine idling, and purchasing recycled products.

## Stance on Resource Conservation

To continue our efforts in reducing the amount of resources we use, we are also conducting green purchasing. To promote resource conservation, we work to reduce the amount of water, copy paper and stationery that we use or purchase, are proactive in our purchasing of green products, and work with office suppliers to have them collect the items we no longer need.

TEL is also making a concerted effort to introduce low-emissions vehicles. For example, by converting to low-emissions vehicles and low fuel-consumption vehicles, 80% of the company fleet at Tokyo Electron Device headquarters now consists of vehicles that have environmental impact.

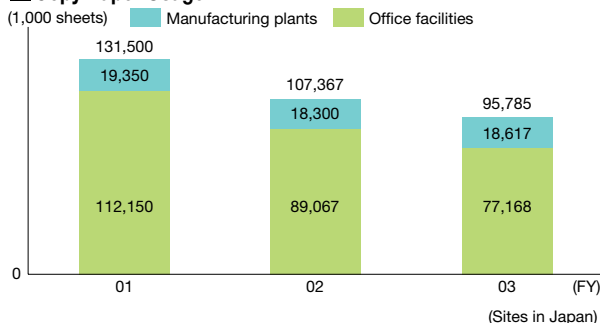
## Efforts to Reduce Paper Usage

All companies in TEL are working to reduce of paper consumption. For example, all employees are encouraged to use both sides of paper and to reduce the paper size when making copies. In addition, efforts are being made to share information without using paper, for example, by using electronic means for intra-office memos and notices. As a result of these and other efforts, the entire TEL used about 12 million fewer sheets of copy paper in FY 2003 than in the previous year, a reduction of about 11%.

We will continue to use recycled paper in every sites (with the exception of a few special applications), and to review office procedures thereby to minimize the use of paper records and forms.

We are also trying to help protect forests by using paper cups made of kenaf in place of conventional paper made from wood fiber, and are encouraging employees to limit the use of paper cups.

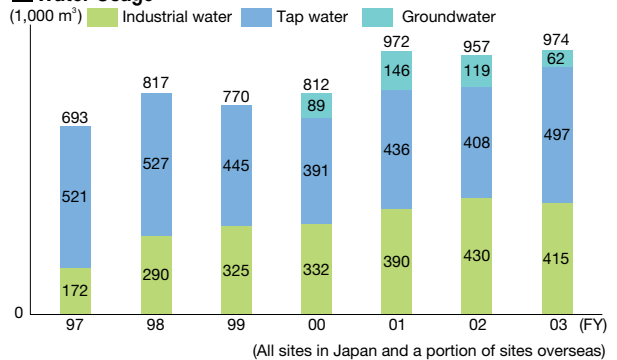
## Copy Paper Usage



## Efforts to Reduce Water Usage

Our manufacturing plants are installing cooling water circulation systems, and recycling industrial water and reducing water usage in all stages of operations—in production, development, testing, shipping, and so on. We are installing automatic plumbing company-wide in lavatories, as a way to avoid the excessive use of water.

## Water Usage



## TOPICS

### Installation of Water-Saving Systems (Air-Cooled Vacuum Pump)

To reduce water usage, the Saga plant has converted from a water-cooled vacuum pump used in manufacturing to an air-cooled type. This is because calculations and a study by the Resource Conservation Committee showed that the conventional pump was consuming a large amount of municipal water. By converting, the plant was able to reduce water usage by about 18,000m<sup>3</sup> per year, which was also quite good in terms of cost-benefit analysis.



Newly-installed Air-cooled Vacuum Pump

### Saga Plant: Municipal Water Usage

