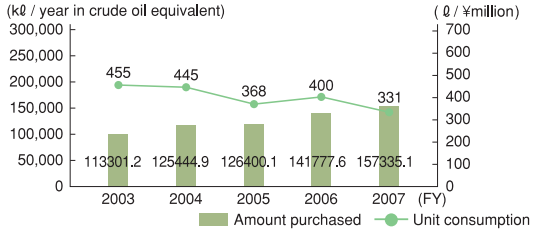
Environmental Practice

# Environmental Performance Data

## 1 Energy

Along with an increase in production, we have seen an 11% increase in the amount of energy used in comparison to the previous fiscal year. However overall we have improved our production output efficiency (unit energy consumption) by 17% through implementing energy saving activities, the installation of highly efficient equipment and through the implementation of aggressive waste energy recycling practices throughout the whole plants.

### Energy Purchased and Unit Energy Consumption (non-consolidated)

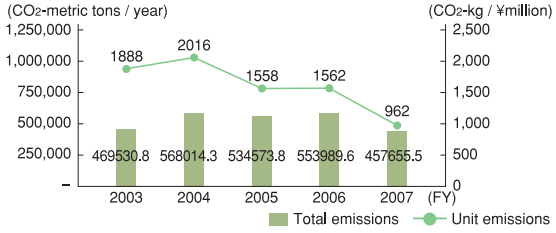



## 2 $CO_2$ Emissions

The cogeneration system introduced at the Toyohashi Plant has enabled us since May 2007 to exchange using heavy oils as a primary fuel source to natural gas (LNG). This shift has resulted in a reduction of $CO_2$ emissions of approximately 18,000 $CO_2$-metric tons.

Furthermore, at the Kanto Plant we have reduced our usage of perfluorocarbons which are used in material processing, resulting in a reduction of 12,000 $CO_2$-metric tons.

### Total and Unit $CO_2$ Emissions (non-consolidated)

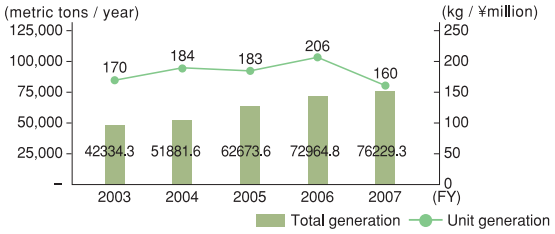



## 3 Reduction of Industrial Wastes

Along with increases in production, the amount of industrial waste produced has also increased year by year. In order to utilize industrial wastes more effectively, we have adopted numerous strategies such as the recycling of industrial waste into valuable usable resources.

Since 2003 we have managed to maintain a recycling rate of over 98% of the industrial waste produced by Nitto Denko Corporation's plants. As a result of the development of the Recycling Promotion Center established in 2005 we have not had to rely so extensively on external recycling facilities for recycling purposes. In the future, apart from maintaining our current rate of recycling, we will review our industrial waste prevention system through using a method known as Material Flow Cost Accounting (MFCA).

### Total and Unit Generation of Industrial Waste (non-consolidated)




## 4 Amount of Volatile Organic Compound (VOC) Emissions

We began reducing VOC emissions being produced in the 1980's and have since that time shown steady reduction results. However exhaust-gas treatment equipment is limited with regard to VOC emission reduction, given the current technology available and as such the emission reduction ratio in this area of our business has remained unchanged for a few years.

In order to reduce VOC emissions we have implemented cornerstone measures such as reducing the amount of VOC used and expanding product lines that do not require the usage of solvents. Other stop gap measures have also been introduced.

### Amount of Volatile Organic Compound (VOC) Emissions (non-consolidated)