

Q8 What measures are you taking to help prevent global warming?



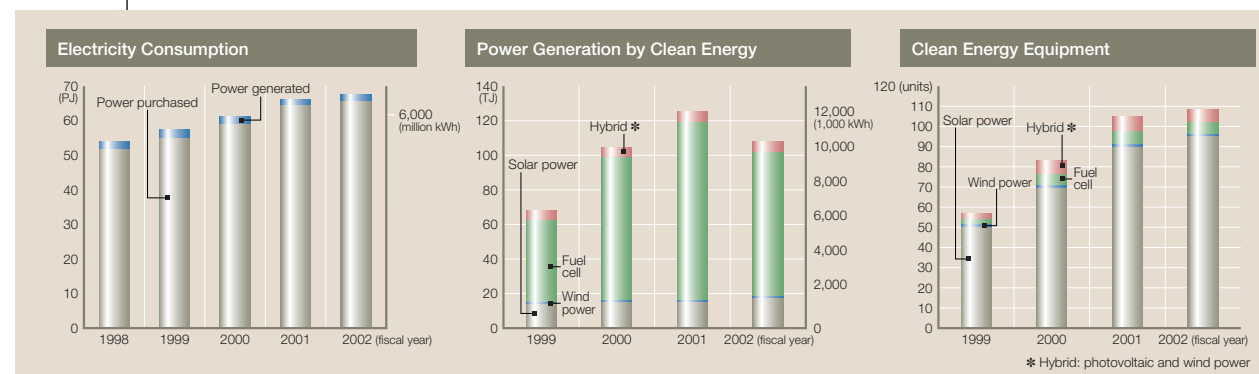
A1 The NTT Group is making a concerted effort through its TPR (Total Power Revolution) campaign to reduce energy consumption.

The NTT Group is projected to consume more than 10 billion kWh of electric power in 2010 due to the growth in the information sharing society driven by the conversion to IT. "Our Vision for Electric Energy Reduction for 2010" lays out practical actions, and we have been implementing our TPR campaign since 1998.

Our TPR campaign includes energy management in approximately 4,000 buildings nationwide, DC power supply systems for broadband equipment such as servers and routers to reduce electricity consumption, and increasing power self-sufficiency using clean

energy sources such as solar and wind power generation systems. In addition, we are striving to develop and introduce our co-generation system utilizing fuel cells and proactively adapting the power retailing business of the NTT Group to the revised Power Business Law (liberalization of retail to special high-voltage consumers).

Through these efforts, we were able to reduce our electricity consumption by approximately 1.18 billion kWh in five years, and to reduce CO₂ emissions by approximately 0.45 million tons.



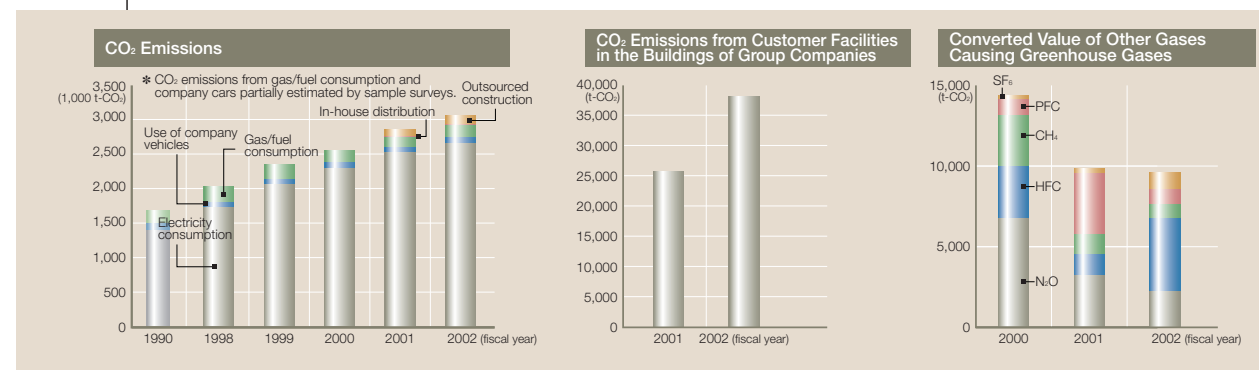
Kei Niida
Greenhouse Gas Reduction Committee
NTT GP-ECO Communication, Inc.

A2 We have adopted stricter calculations for greenhouse gas emissions in compliance with global standards.

We upgraded our manual for calculating greenhouse gases to correspond with the revised Global Warming Measures Promotion Law Enforcement Order and the GHG (GreenHouse Gas) Protocol in order to improve the accuracy of our calculations in line with global standards for estimating greenhouse gas emissions. CO₂ emissions data in fiscal 2002 was calculated using

this updated system.

The greenhouse gases other than CO₂ have been reduced by introducing low-pollution vehicles. As described in the management section, however, CO₂ emissions have been increasing because of the progress of broadband services and widespread use of mobile phones.



Q9 What is done with used telephone directories and used mobile phones?

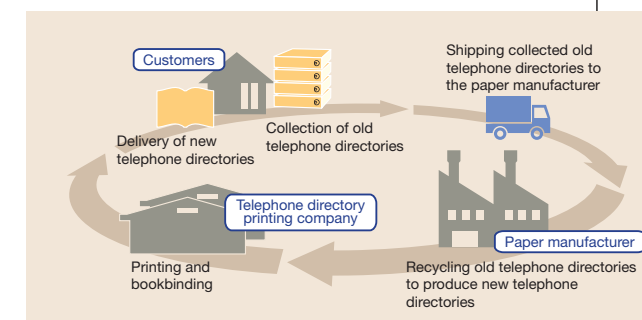


A1 We are working on Closed Loop Recycling, which recycles old telephone directories into new ones.

A total of 120 million telephone directories are published every year by NTT EAST and NTT WEST, consuming approximately 100,000 tons of paper, which is roughly equivalent to 0.3% of all paper used in the nation (data drawn from fiscal 2002).

Given this vast amount of paper resources used in telephone directories, we created the Closed Loop Recycling System in which new directory pages are made of recycled paper from old telephone directories. The old telephone directories are collected and recycled into paper for the new directories by a paper manufacturer, and the new telephone directories are then printed and bound. We have been delivering telephone directories made in this system since the September 2001 edition. Since the key to the success of this approach is to collect more of the old telephone directories to provide a growing resource pool of

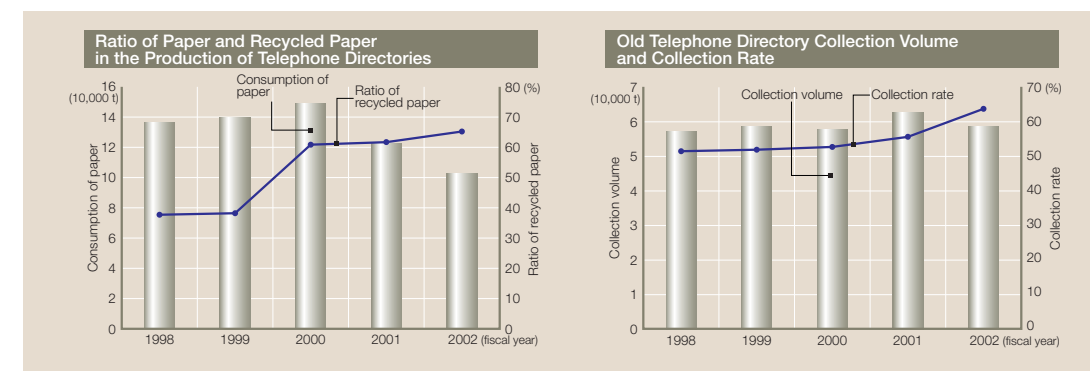
recycled paper, we make a special effort to gather up the outdated directories whenever we deliver the new ones.



● Flow of telephone directory Closed Loop Recycling



Yoshihiko Yamaguchi
Paper Media Division
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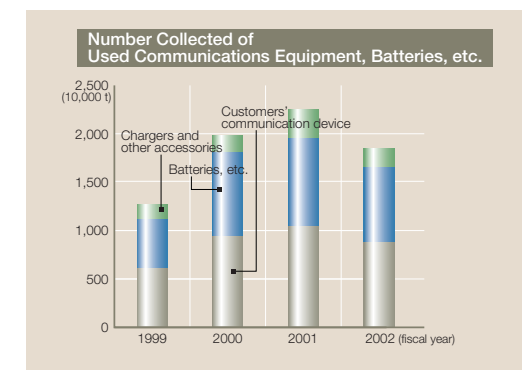
A2 As part of our corporate responsibility, we proactively collect such equipment as used mobile phones, and will continue to implement 100% recycling.

NTT DoCoMo collects such complete commodity items as used mobile phones, car phones, PHS phone main units, batteries and chargers as one of the most critical issues for environmental conservation. In April 2001, we formed the Mobile Recycle Network in collaboration with mobile phone enterprises, and have been collecting products of not only DoCoMo but of other brands.

In fiscal 2002, the DoCoMo Group collected approximately 9 million products, including about 7.6 million batteries and approximately 2 million accessories such as chargers with the cooperation of our customers. DoCoMo has achieved a 100% recycling rate for the collected products by separating out the various component materials of the collected mobile phones, with nonferrous metal processors removing rare metals such as gold and palladium for reuse as raw materials.

In addition, NTT WEST established in May 2002 a system for recycling the metal cable for

communication circuits, and is now implementing the system nationwide. In fiscal 2002, the annual volume of polyethylene was reduced by 970 tons, equivalent to 16,900 barrels of heavy oil.



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