

Environmental Protection Program

Development of Eco-friendly Products

There are two types of eco-friendly products; (1) products which present a low level of environmental impact (such as energy conserving products), and (2) products which reduce the impact on the environment by peripheral and related products (such as equipment which reduces waste disposal). Oki Electric is also developing the latter products, to contribute to the global environmental protection.

1. Development of Intelligent Transport Systems (ITS)

"ITS" is comprised of Vehicle Information and Communication System (VICS), Electronic Toll Collection (ETC) System and Advanced Highway System (AHS). ITS is a new social system which integrates people, vehicles and roads by using leading-edge data communication technology. The improvement of environmental protection, safety and comfort are expected with this new system.

In March 2001, normal operation of the ETC system started on highways in the Chiba area. Oki Electric installed ETC systems at 104 toll collection points on the Chuo, Kan-etsu and Joshin-etsu Expressways, as well as on four expressways in Shikoku. Operations are being verified at these locations for full-scale operations to start in the fall. With these ETC systems in place, road congestion on highways will be reduced by 30%, which leads to a reduction in fuel consumption and CO₂ emissions. Oki Electric will continue to take part in the AHS and various ITS system developments and to make them a reality.



ETC gate at a toll collection point

2. Development of Resources Conserving Printers

Oki Information Systems Co., Ltd. is developing a printer (Ecopri), that is capable of reusing used printer papers.

Ecopri uses special thermal sensitive paper that prints on an already used sheet of printing paper. When the used paper is loaded, the printer first erases the printing on the paper before printing the sheet with new content. The printing paper has a practical reusable life of 500 printings.

This printer will impact on reducing the paper used, as well as the amount of paper disposals.



Ecopri