

Feature 3 Environmental Solutions Made Possible by Omron



INVESTMENT TO REDUCE CO₂ STRENGTHENS COMPANIES

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CO₂ Reduction Solutions

Omron will contribute to the fulfillment of the environmental management objectives upheld by different companies through our CO₂ reduction solutions. We will achieve this through the effective use of sensing and control technologies, the dependability of which has been proven over time and is evident from its versatile applicability in fields ranging from manufacturing sites to social infrastructures, and in such areas relating to industrial and social applications as well as in our everyday lives.

One of Omron's CO₂ reduction solutions, Green Automation, effectively "visualizes" otherwise imperceptible CO₂ emissions, and it centrally manages information on areas that have been detected for improvements. Subsequently, this enables all employees, from administrators to on-site workers, to monitor the details of environmental measures and energy usage on a real-time basis during operations. "Visualizing" CO₂ facilitates company-wide environmental management by processing and providing data relevant to the measures being activated on each of the administrative, management, and on-site levels.

Our total support services begin with consultation on tangible CO₂ reduction measures and plan implementation and continue through installation, maintenance, and servicing of equipment with the ultimate result of improved efficiency, even with reduced CO₂ emissions. Omron's CO₂ reduction solutions transform the economic benefits of reducing carbon into a point of company strength and contribute to the maximization of the return on carbon (ROC)* ratio.

* Return on carbon (ROC) is a new profit indicator that measures the amount of CO₂ emissions a company produces (representing the amount of energy consumed) to generate earnings.

Linking the School New Deal Program to Business Growth

Omron's environmental solutions are effective for a wide range of social needs beyond commercial applications. Omron energy management systems are "visualizing" the energy consumed at 283 kindergartens, elementary, junior high, and high schools in Kyoto. The City of Kyoto Board of Education estimates that the systems saved approximately ¥40 million in electric power costs in fiscal 2006.

The School New Deal Program being advanced by the Japanese government calls for solar power generation systems to be installed in elementary, junior high, and high schools across the nation beginning in fiscal 2009.

Omron aims to expand its environmental business by contributing to CO₂ reduction efforts and promoting environmental education using an effective combination of solar panel utilization and the energy management system that were successfully demonstrated in the Kyoto school district.



Company-wide Visualization

