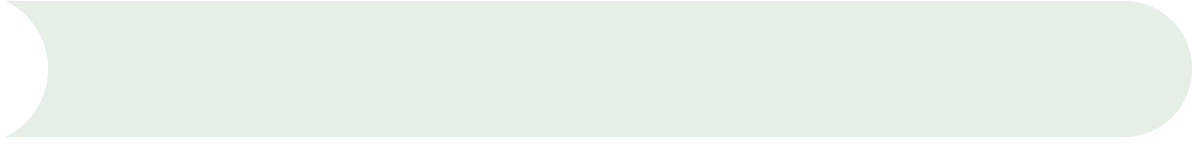
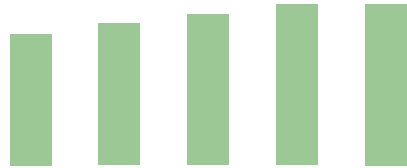


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Energy Saving Activities

Activities to Prevent Global Warming

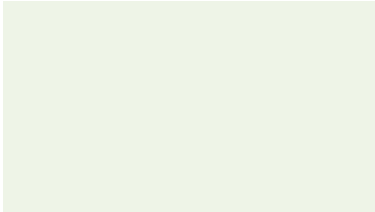


**Waste Reduction Activities**

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**Efforts for Reducing Chemical Substances**

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**Efforts at the Kobe Works of the  
Machinery Division**

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Machining center

150-ton heat treatment furnace  
that burns city gas

## Efforts at Kawasaki Precision Machinery Ltd.

### Installation of a Large-Scale Photovoltaic System

FY2007 achievement  
Reduction of  
**110 t-CO<sub>2</sub>/year**

At our new core parts plant built in April 2007, we are incorporating features that are considerate of the environment, including energy saving air-conditioning and lighting. In March 2008, we installed and began operation of a 300-kW photovoltaic system (manufactured by Kawasaki Plant Systems, Ltd.) that has an annual power generation capacity of 300 MWh/year, which equals a reduction of 110 t-CO<sub>2</sub>/year. Furthermore, during this fiscal year we also plan to install a large-scale nickel-metal hydride battery Gigacell® to control power generation output fluctuations and increase energy use efficiency.



Photovoltaic system at core parts plant

FY2007 achievement  
Reduction of  
**54 t-CO<sub>2</sub>/year**

|  |  |                 |
|--|--|-----------------|
|  | <p>253 kW/2,000 min<sup>-1</sup></p> <p>109 kW<br/>(43% recovery rate)</p> <p>About 110 MWh<br/>(FY2007)</p> | <p>About 40</p> |
|--|--|-----------------|

### Power Regeneration Stand for Pump Endurance Tests

