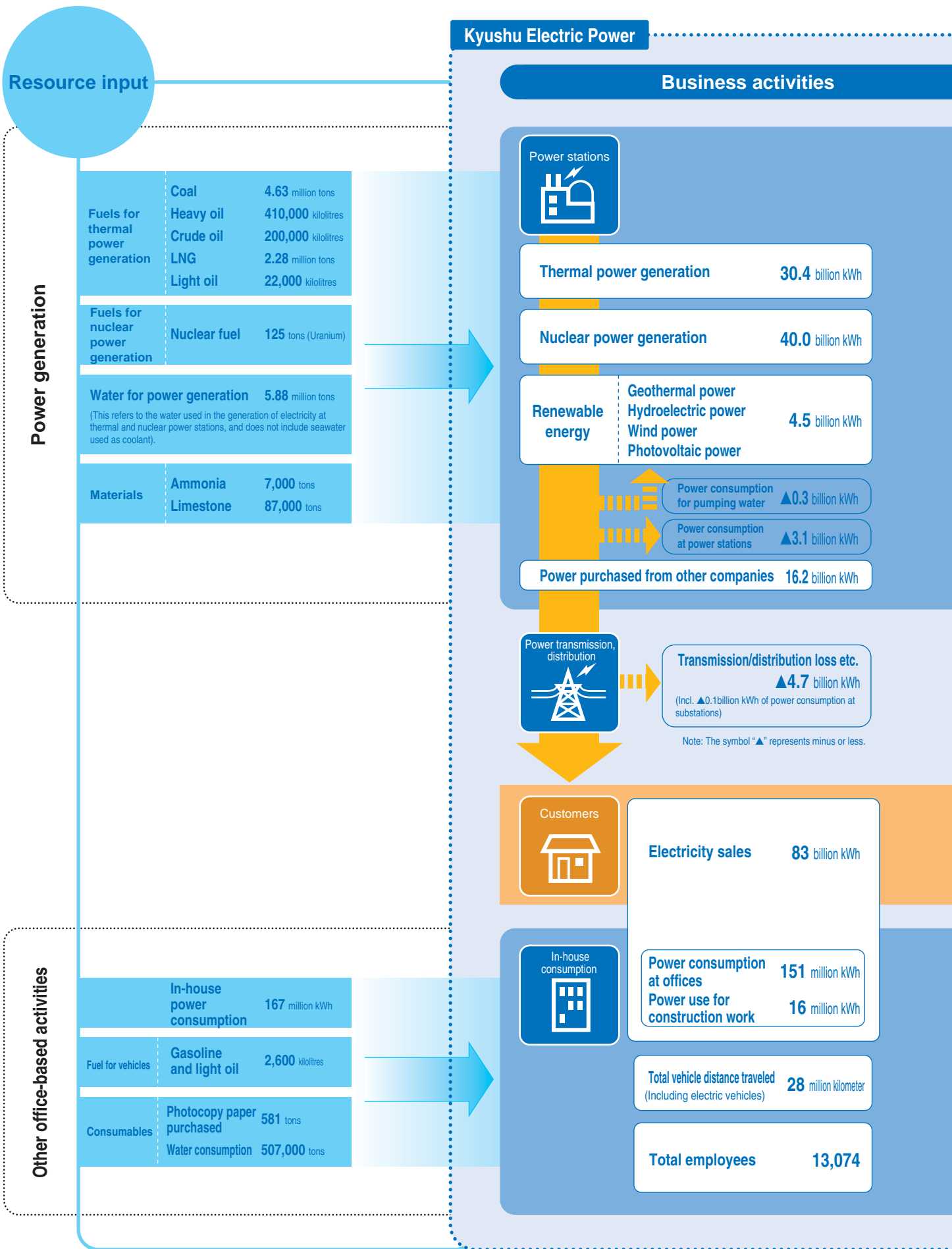
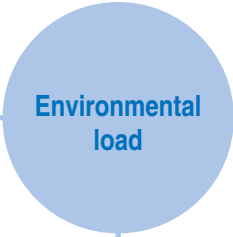


Business Activities, Environmental Activity Benefits and Environmental



Load (FY2005)



Effects of environmental activities

See environmental accounting on page 16

Global environmental conservation	CO ₂ reduction ^{*1}	46.6 million tons-CO ₂
	Collection of SF ₆ ^{*2}	0.45 million tons-CO ₂
	Recovery rate of 99.2%	
	CO ₂ absorbed by forests	0.022 million tons-CO ₂

Local environmental conservation	SO _x reduction ^{*3}	46,000 tons
	NO _x reduction ^{*4}	18,000 tons
	Environmental load reduced in wastewater ^{*5}	882 tons

Resource recycling	Industrial waste recycled	630,000 tons
	Recycling rate of 92%	
	Low-level radioactive waste volume reduction	1,876 containers (each equivalent to one 200-litre oil drum)

Definitions of the baseline for calculating effects of our environmental activities

- *1 : The baseline for the effects resulting from power generation and purchase refers to cases when thermal power (except for LNG) generated kWh replaces power generated from nuclear power, hydroelectric power, new energy sources, and LNG. As baseline for the facility efficiency improvement, thermal efficiency and transmission and distribution loss factor in fiscal 1990 are used as baseline.
- *2 : Baseline refers to the case when SF₆ is not recovered at equipment checkups/removals.
- *3 : Baseline refers to the case when no desulfurization is carried out or non-usage of low-sulfur fuel at power stations.
- *4 : Baseline refers to the case when no denitration is carried out at power stations.
- *5 : Baseline refers to the case when no wastewater treatment is carried out at power stations.
- *6 : Baseline refers to the case that no energy-conservation measures for facilities were implemented at business sites.
- *7 : Baseline refers to the case when no clean-energy or fuel-efficient vehicle is introduced.

CO ₂ reductions through office energy conservation ^{*6}	166 tons-CO ₂
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CO ₂ reductions through introduction of low-emission and fuel-efficient company vehicles ^{*7}	197 tons-CO ₂
Portion of fleet: 25.5%	

Used paper recycled (Including photocopy paper, newspapers, magazines, cardboard and confidential documents)	2,106 tons
Recycle rate of 100%	

Reuse of reclaimed water and rain water	65,000 tons
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Greenhouse gas emissions	CO ₂	30.6 million tons-CO ₂ [*]
	<small>(In-house power consumption: 61,000 tons-CO₂ (Including power purchased from other companies))</small>	
	N ₂ O	39,000 tons-CO ₂
	HFC	800 tons-CO ₂
	SF ₆	40,000 tons-CO ₂
Air pollutant emissions	SO _x	15,000 tons
	NO _x	27,000 tons
Wastewater		2.53 million tons
<small>(Including 56 tons of environmental load and 7 tons of COD)</small>		
Industrial waste disposed of		56,000 tons
Increase in low-level radioactive waste		2,241 containers
<small>(each equivalent to one 200-liter oil drum)</small>		

* Calculation methods for CO₂ emission volume and CO₂ emission factors for electric utilities as defined under the Law Concerning the Promotion of Measures to Cope with Global Warming were not established as of the time of calculation of these figures.

CO ₂ emissions	6,000 tons-CO ₂
Used paper disposed	0 tons
Clean water consumed	442,000 tons