



Environmental Accounting (Energy Conservation)

When it comes to energy conservation, Stanley Electric considers it important to reduce our amount of electricity, which comprises 94% of the energy we use.

We calculate the amount of electricity that we cut in order to promote investments in energy conservation more effectively, and promote investments that are capable of reducing emissions of CO₂ by 20% or more compared to our current equipment.



Investment Examples for Energy Conservation and Reduction Measures

All of our investments take the environment into consideration as we reduce emissions of CO₂.

In FY 2009, our efforts focused on energy conservation measures that do not rely on capital investments, and we promoted the horizontal development of excellent case examples in striving for reductions.

Investment Item	Investment Amount (¥1,000)	Power Consumption (kWh)	Reduction of CO ₂ emissions (t-CO ₂)
Chiller equipment upgrades	47,271	322,657	135.5
Switchover to LED lighting equipment	13,785	3,368	1.4
Package air conditioner upgrades	7,580	2,265	1.0
Heat shocker (testing device) upgrades	6,790	53,363	22.4
Air dryer upgrades	2,620	298	0.1



Environmental Protection Effects

Taking FY 2000 as our baseline fiscal year, we evaluate the environmental protection effects (quantities) for each fiscal year.

The evaluation results for INPUTS and OUTPUTS in FY 2009 revealed that we achieved improvements for the amount recycled, the amount of landfill, and the water consumption items.

Environmental Protection Effects (Quantities)				
Evaluation item		FY 2000	FY 2008	FY 2009
Non-consolidated sales (¥ million)		177,365	186,168	145,737
Sales ratio to reference year (1)		1	1.050	0.822
INPUT	Power consumption (1,000kWh)	Actual result	137,846	141,617
		Correction value	-	113,309
		E. protection effect	-	-28,308
		Evaluation	-	×
Water consumption (1,000m ³)	Actual result	664	440	
	Correction value	-	546	
	E. protection effect	-	106	
	Evaluation	-	○	
CO ₂ emissions (t-CO ₂)	Actual result	65,293	64,413	
	Correction value	-	53,671	
	E. protection effect	-	-10,742	
	Evaluation	-	×	
OUTPUT	Total waste generated (t)	Actual result	4,679	3,992
		Correction value	-	3,846
		E. protection effect	-	-146
		Evaluation	-	○
Amount recycled (t) (A negative value for the environmental protection effect means it is effective)	Actual result	1,337	3,969	
	Correction value	-	1,099	
	E. protection effect	-	-2,870	
	Evaluation	-	○	
Amount of landfill (t)	Actual result	2,307	7.5	
	Correction value	-	1,896	
	E. protection effect	-	1,889	
	Evaluation	-	○	

Correction value = Result in reference year × Sales ratio to reference year (1) Environmental protection effect = Corrective value - Actual result
 Evaluation: ○ indicates environmental protection effect having a positive value (except this is negative for the recycled amount).
 × indicates environmental protection effect having a negative value (except this is positive for the recycled amount).