

Panasonic Peruana S. A.

Panasonic Group Site Report 2010
 FY2010 :April 1, 2009 - March 31, 2010

Address	Av. Alfredo Mendiola # 1600 Independencia Lima - Peru		
Lot area	27200m ²	Total floor area	1m ²
Establishment day	1966/3	Employees	157persons
ISO14001 certification date	1998/11	ISO14001 renewed	2010/5
Major Products	Batteries UM-1 Local, Batteries UM-3 Local, Batteries UM-1 Export. Batteries UM-3 Export.		
Environmental Communication	FY2010		
Information disclosure	visitors on factory tour	56persons	collaboration with municipality
Contact	Alberto Morisaki	0items	TEL: 00-51-1-614-0000



Message from Compliance Administrator

Nowadays our planet is suffering a severe climate change due to the current way to satisfy our needs. Consequently, changing our way of thinking about the environment is important to recover the balance of the nature since it influences in our everyday life and will be our legacy for the future generations.

Panasonic Peruana S.A., concerned about the environment, struggles to reduce its CO2 emissions in all its operations by means of energy saving and cleaner production plans. In addition, we are looking for educating our employees and their families through the concept of Eco Ideas as an



Compliance Administrators

Alberto Morisaki

Main activities in FY2010

Target	Result
Reducing CO2 emissions	CO2 emissions was reduced in 2%
Increase solid waste recycling	Recycling of solid waste was increased in 4.9%

Products of Environmentally-conscious information



Introduction of TV Plasma with low power consumption

Model Viera TC-P42C2.

Point of environmentally-conscious

This model reduce power consumption while the TV is in operation or on standby.

Also reduce in 41% the use of materials due to weight reduction and more efficient manufacturing.



Introduction of fluorescent light bulbs

Product environmentally friendly due improve energy efficiency

Point of environmentally-conscious

Reduce energy consumption (reduction of CO2 emissions) .

Elimination of toxic emissions because they are manufactured with glass lead free.

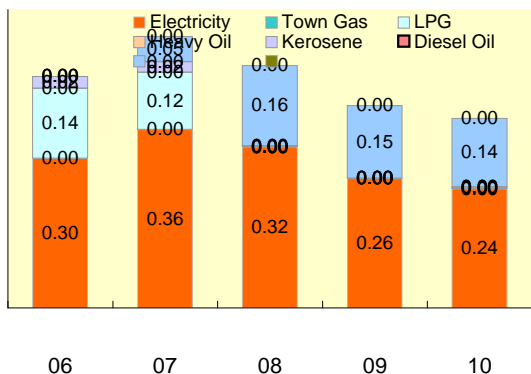
-> link to a product information web-site.

Environmental performance data

Year displayed in graph ex) 2010: April 1, 2009 - March 31, 2010

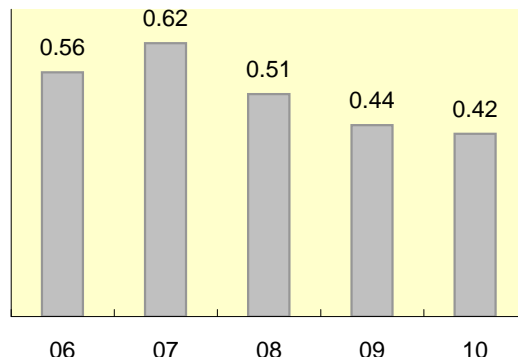
Energy

Unit: 1000kl



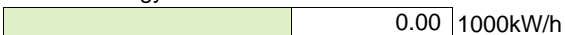
CO2 Emission

Unit: 1000t-CO2



Natural Energy

FY2010

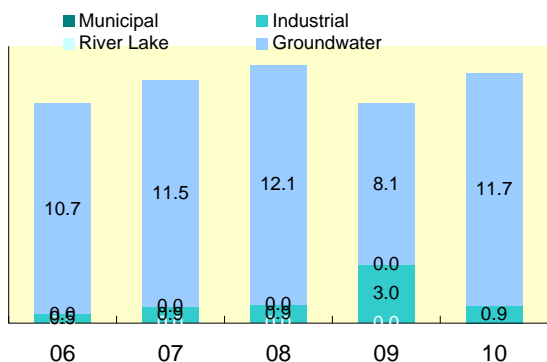


Calculation standards

Numerical values for respective countries listed on the Calculation Tools in GHG Protocol website by World Business Council for Sustainable Development (WBCSD) and World Resource Institute (WRI). Levels for 2002 (Electricity-Heat Steam Purchase_tool1.0_final) has been used for all years.

Water

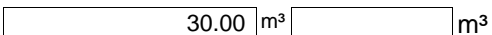
Unit: 1000m³



Circulated water

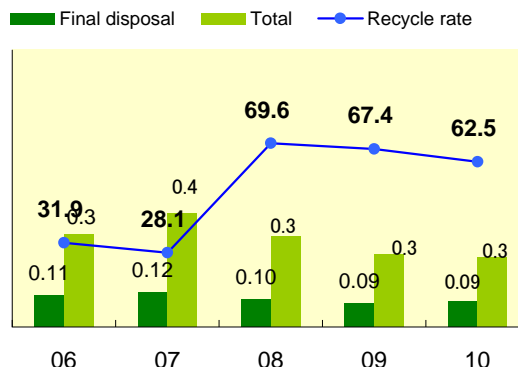
Rain-water

FY2010



Waste

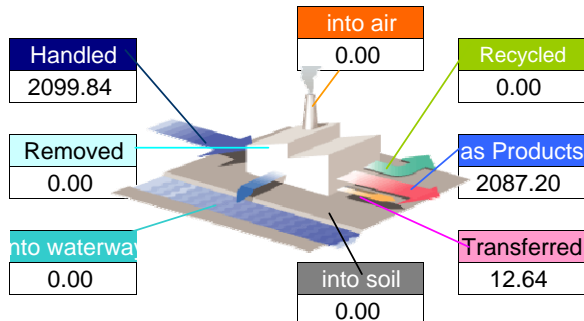
Unit: 1000t, %



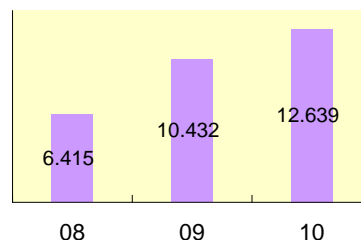
Chemical substances

Unit: t

Material balance of controlled substances FY2010



Key target reduction substances



About The Panasonic Group's Chemical Substances Management in Factories
http://panasonic.net/eco/factory/chemical_substance/

About the above data

Compliance FY2010**<Air pollutant measurement results>**

	Unit	Facility name	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
SOx	Nm ³ /h	N/A					
NOx	ppm	N/A					
Particulate	g/Nm ³	N/A					

<Water pollutant measurement results>

	Unit	Facility name	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
COD	mg/l	N/A					
BOD	mg/l	1000	1000.00	1000.00	715.00	852.00	Every 6 months
Nitrogen	mg/l	N/A					
Phosphorus	mg/l	N/A					

<Noise and vibration>

	Unit	Measurement Area	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
Noise	dB	DT Press	70.00	70.00	62.40	63.50	Every 6 months
		NT Press	60.00				
Vibration	dB	DT N/A					
		NT N/A					

*Legal limit: The strictest value out of those specified by laws, ordinances or agreements.

*N/A(not applicable):The meaning when the facility is exempted from the regulation.

About excess of legal limit value

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Improvement of direction by government, or point outs by neighbor

Occurrence situation	Countermeasure

Environmental Policy

Panasonic Peruana S.A., decicated to Manufacture and Commercialization of Dry Batteries and Commercialization of Electric Appliances and Electronic Equipments, is aware of its social responsability and makes all necessary to avoid generating adverse major changes in the ecological balance of the earth. Thus, we are committed to: 1) Make continuous efforts to know and improve the environmental situation in orden to prevent pollution. 2) Obey laws and local regulations releted to the environment. 3) Use efficiently of natural resources within our technological and economic limitations. 4) Train permanently our workers on management and environmental control in order to improve their consciousness level on this matter.

Aiming to reduction of environmental impact**New press in Component Process**

New Press for component production of batteries is more efficient and has less power consumption. This Press made a working of three old presses.

**Conveyor belts feeding pellet to extrusion presses.**

Pellet are feeding automatically from one site to the presses and prevents the graphite particles may spread to the environment, before this was manually.

Environmental Communication**Factory visit**

Children of the Noguchi School visited Panaperu factory. We shared the spirit of Eco - Ideas and our contribution to the environment.

**Communication of 3R's in Panasonic Family field day**

In our Annual Family Field Day, we spread the concept of three R's: Reuse, Recycle and Reduce through show games

Emergency preparedness and response**About our concept and training plan**

Emergency situation were practiced and performed in case of spills, where the brigade had to be fitted with the most appropriate clothing for different aggressive liquids are handled at the factory

**Case of a training**

Fireman Company gave training to Panaperu workers as the use of fire extinguishers in emergency cases. Others personel as security guards and cleaning pesonal received training too.