


Panasonic Manufacturing Philippines Corporation

Panasonic Group Site Report 2009
FY2009 :April 1, 2008 - March 31, 2009

Address	Ortigas Avenue Extension, Taytay, Rizal				
Lot area	220410.75m ²	Total floor area	75035m ²		
Establishment day	1967/9	Employees	797persons		
ISO14001certification date	1998/5	ISO14001renewed	2008/9		
Major Products	Window Type Airconditioners, Refrigerators, Freezers, Washing Machine. Electric Fans. Batteries & Flashlights			collaboration with municipality	Oitems
Environmental Information disclosure	Oitems	visitors on factory tour	30persons		
Contact	General Administration			TEL: 632-2842050	

Message from Compliance Administrator

Panasonic Manufacturing Philippines Corporation is a manufacturer of electrical appliances such as airconditioners, refrigerators and freezers, washing machines, electric fans and dry cell batteries and flashlights. The company has two manufacturing sites, the Taytay Plant in Rizal and Sta. Rosa Plant in Laguna with a total lot area of 22 hectares. In 1998, PMPC established an Environmental Management System which was certified against ISO 14001 on the same year and maintained the certification up to the present. Presently, the system is integrated with Quality and Health and Safety Management Systems. Since the launching of Panasonic ECO IDEAS, PMPC has actively



Compliance Administrators

Ramon T. Tobias

Main activities in FY2009

Target	Result
29.9% reduction on CO2 Emission per production amount reduction FY ending March 2007	39.19% reduction
2.5% reduction on Water consumption per production amount vs. last year	14.4% reduction
90% waste recyclability ratio	91.7% waste recyclability ratio

Products of Environmentally-conscious information



Window Type Airconditioners

Point of environmentally-conscious

1. RoHS compliant
2. Use of non-CFC refrigerant



Refrigerators & Freezers

Point of environmentally-conscious

1. RoHS compliant
2. Use of non-CFC refrigerant (R134a) and foam insulator (HCFC 134b)
3. High Energy Efficiency Factor Ratio



Washing Machines

Point of environmentally-conscious

1. RoHS compliant



Electric Fans

Point of environmentally-conscious

1. RoHS compliant



Batteries & Flashlights

Point of environmentally-conscious

1. RoHS compliant
2. No mercury added since 1994

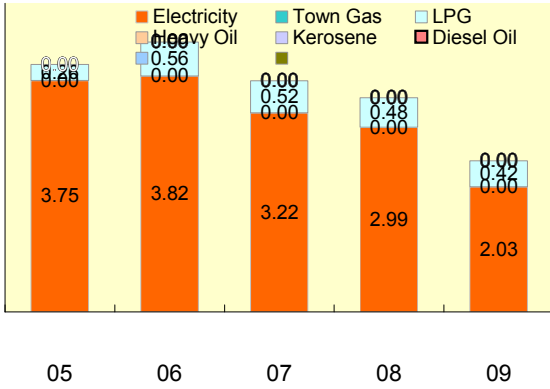
-> link to a product information web-site.

Environmental performance data

Year displayed in graph ex) 2009: April 1, 2008 - March 31, 2009

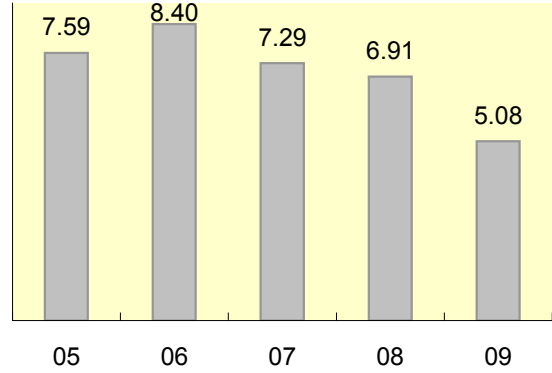
Energy

Unit: 1000kl



CO2 Emission

Unit: 1000t-CO2



Natural Energy

FY2009

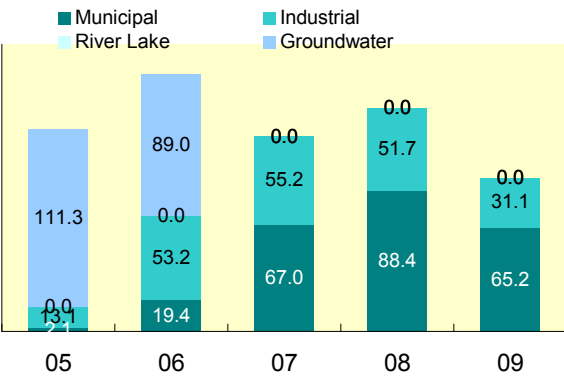
0.00 1000kWh

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

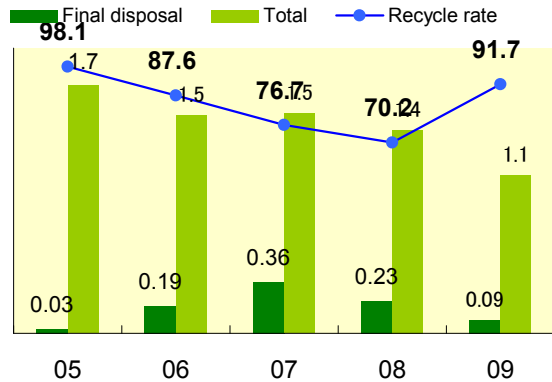
Rain-water

FY2009

3,663.80 m³ 0.00 m³

Waste

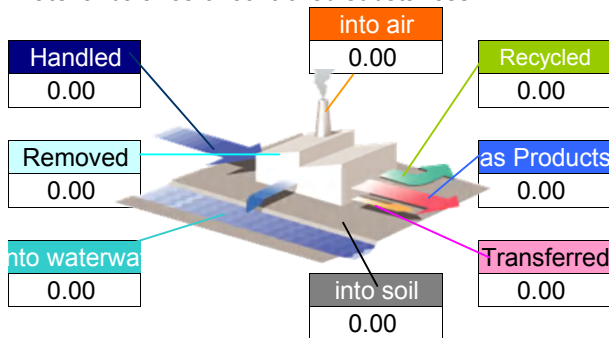
Unit: 1000t, %



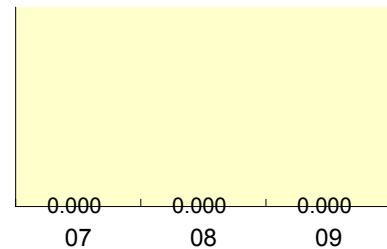
Chemical substances

09

Material balance of controlled substances FY2009



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 FY2009**<Air pollutant measurement results>**

	Unit	Facility name	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
SOx	Nm ³ /h	Standby Genset 2 (T	1500.00	1350.00	61.62	87.50	Annually
		Standby Genset 9 (T	1500.00	1350.00	61.62	84.60	Annually
		Standby Genset 6 (T	1500.00	1350.00	61.62	84.30	Annually
NOx	ppm	Standby Genset 5 (T	2000.00	1800.00	400.89	852.80	Annually
		Standby Genset 9 (T	2000.00	1800.00	400.89	743.40	Annually
		Standby Genset 8 (T	2000.00	1800.00	400.89	684.70	Annually
Particulate	g/Nm ³	Standby Genset 1 (S	150.00	135.00	79.59	113.40	Annually
		Standby Genset 6 (T	150.00	135.00	79.59	104.90	Annually
		Standby Genset 11 (150.00	135.00	79.59	101.50	Annually

<Water pollutant measurement results>

	Unit	Facility name	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
COD	mg/l	WTP (Taytay Plant)	100.00	100.00	33.10	70.00	Monthly
		WTP (Sta. Rosa Pla	100.00	100.00	48.50	96.00	Monthly
					0.00		
BOD	mg/l	WTP (Taytay Plant)	50.00	50.00	9.00	24.00	Monthly
		WTP (Sta. Rosa Pla	50.00	50.00	8.25	30.00	Monthly
					0.00		
Nitrogen	mg/l	n/a			0.00		
					0.00		
					0.00		
Phosphorus	mg/l	n/a			0.00		
					0.00		
					0.00		

<Noise and vibration>

	Unit	Measurement Area	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
Noise	dB	DT Perimeter	90.00		65.34	69.49	Annually
		NT Perimeter			62.34	65.37	Annually
Vibration	dB	DT n/a			0.00		n/a
		NT n/a			0.00		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

There is no item to report

Improvement of direction by government, or point outs by neighbor

Occurrence situation	Countermeasure

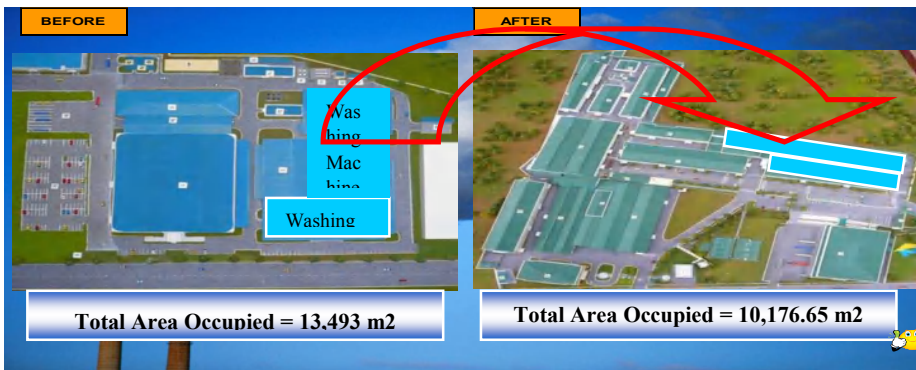
Environmental Policy

Panasonic Manufacturing Philippines Corporation (PMPC) is committed to provide safe, healthy and environmental friendly workplace that comply to the government regulations on environment, occupational health and safety and other requirements while satisfying the international standard on this noble endeavor through the concerted effort of everyone.

We are committed to the prevention of pollution, the sustainable use of natural resources, management and control of occupational health and safety hazards and the continual improvement of our EH&S performance for the benefit of our employees, the company, and the company we are now.

In carrying this commitment, PMPC shall provide the necessary resources and shall formulate plans and programs for its promotion and implementation in our daily operation considering sustainable use of natu

Aiming to reduction of environmental impact



Integration of Manufacturing Plants (Transfer of Washing Machine Dept. from Sta. Rosa to Taytay Plant)

The operation of Washing machine department was transferred to Taytay Plant resulting to the reduction of electric transformer in Sta. Rosa Plant and maximizing use of transformer in Taytay Plant. This resulted to a reduction of 4 tons per month of CO2 emission. During the transfer next cell production was adapted instead of

Repair of water pipe leaks

The repair of water pipe leaks resulted to a higher reduction of water consumption per production amount.

Environmental Communication



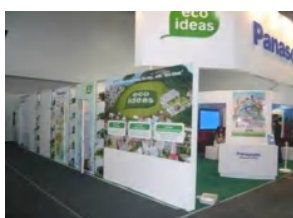
Eco-ideas for Everybody, Everywhere

Environmental awareness seminars were continuously conducted to PMPC employees, employees of PMPC contractors/suppliers and students to promote spread of environmental information



Participation in the environmental activities organized by NGO's

PMPC actively participated in environmental activities such as river cleaning, tree planting organized by non-governmental organizations.



Participation in the Eco-Products International Fair

Panasonic products with environmental impacts were displayed in the fair. Another highlight of the special event was the press conference regarding environmental programs of the company. Philippine President Gloria Macapagal Arroyo graced the occasion.

Emergency preparedness and response



About our concept and training plan

Annual spill drill was conducted by departments handling, storing and using hazardous chemicals. This is to prepare personnel to properly react in case of an emergency situation such as spills. Annual internal environmental management system audit includes checking of facilities facilities such as chemical storage areas, containment pits and waste storage areas.