

**Panasonic Motor (Thailand) Co.,Ltd**Panasonic Group Site Report 2009  
FY2009 :April 1, 2008 - March 31, 2009Address 101 Moo. 2, Teparak Road, T. Bangsaothong, A. Bangsaothong,  
Samutprakarn 10540 , ThailandLot area 8716m<sup>2</sup> Total floor area 8844m<sup>2</sup>

Establishment day 1997/8 Employees 618persons

ISO14001certification date 1998/7 ISO14001renewed 2009/1

Major Products Refirgerator Fan Motor, Air Condition Motor,

Environmental CommunicationFY2009

Information disclosure 1items visitors on factory tour 0persons

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collaboration with municipality 1items

**Message from Compliance Administrator**

Panasonic Motor (Thailand) Co., Ltd. (PMRT) Was established in October 1989 as NTC Group. Started products are FBT and DY. On August 1997, Establishment of New company as TKME.. April 2002, Production start of Refrigerator Motor (AC motor), May 2003, Company name change to PCCT. Jan 2005, Stop FBT&DY. April 2005, Company name change to PMRT. December 2006, Production start of Air condition Motor. PMRT is certified ISO 14001 since July, 1998. The company maintain Environmental activity such as reduce usage of resource (Energy, Water, Gas), Waste Separation, Pollution Prevention (Water, Air, Chemical). otherwise the company aim to reduce CO2 emission to reduce global warming and promote Eco-Idea to all employees. For our products we try to develop new product to high efficiency and reduce environmental impact. We are continue promote environmental activity to all employees.



Compliance Administrators

**Mr. Yoshihiro Yamamoto****Main activities in FY2009**

Target	Result
To reduce electricity consumption by 5% in FY'09 based on FY'08	Electricity Consumption decrease 6.05% in FY' 09 base on FY'08. Because we increase in inhouse production.
To reduce water consumption per number of employee by 5% in FY'09 based on FY'08	Water Consumption Per Number of Employee of PMRT reduce 16.19 % in FY' 09 base on FY' 08.
To reduce general waste quantity per number of employee by 5% in FY'09 based on FY'08	General Waste Quantity Per Number of Employee of PMRT increase 0.8% .

**Products of Environmentally-conscious information****Product : Refrigerator Fan Motor ( QY Motor )****Point of environmentally-conscious**

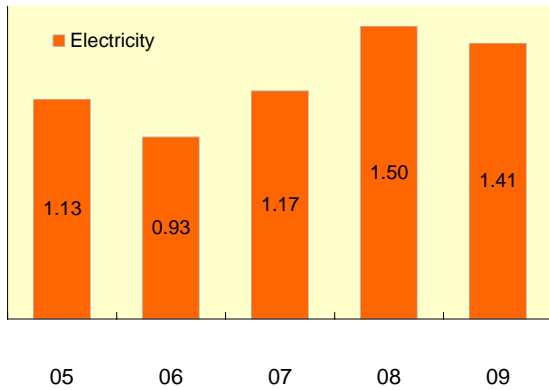
QY Motor is small size than another model so it can reduce chemical used and it is more efficiency to save energy.

**Environmental performance data**

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

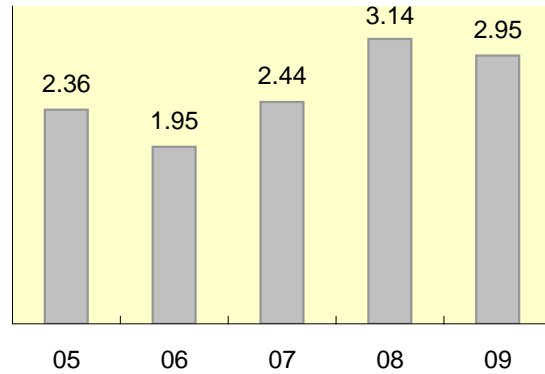
**Energy**

Unit: 1000kl



**CO2 Emission**

Unit: 1000t-CO2

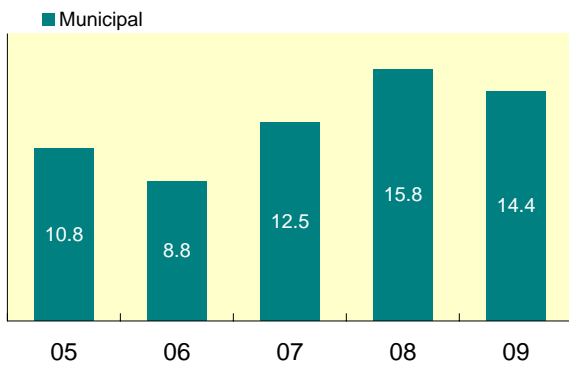


**Calculation standards**

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.

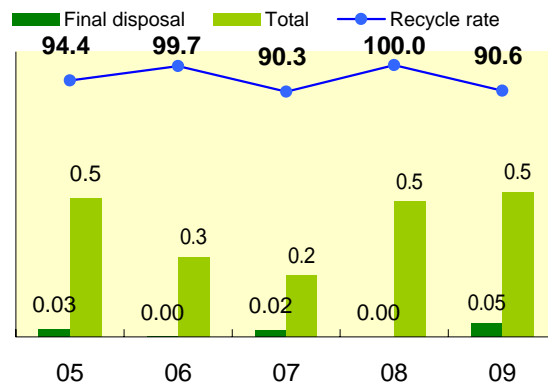
**Water**

Unit: 1000m<sup>3</sup>



**Waste**

Unit: 1000t, %

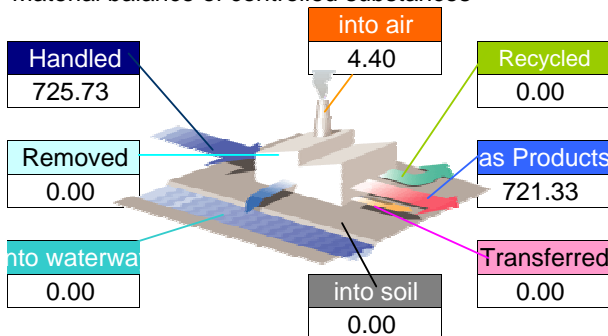


**Chemical substances**

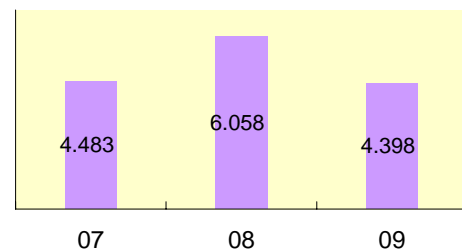
FY2009

Unit: t

**Material balance of controlled substances**



**Key target reduction substances**



About The Panasonic Group's Chemical Substances Management in Factories  
[http://panasonic.net/eco/factory/chemical\\_substance/](http://panasonic.net/eco/factory/chemical_substance/)

About the above data

N/A

**Compliance FY2009****<Air pollutant measurement results>**

	Unit	Facility name	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
SOx	Nm <sup>3</sup> /h	N/A			0.00		
					0.00		
					0.00		
NOx	ppm	N/A			0.00		
					0.00		
					0.00		
Particulate	g/Nm <sup>3</sup>	N/A			0.00		
					0.00		
					0.00		

**<Water pollutant measurement results>**

	Unit	Facility name	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
COD	mg/l	N/A			0.00		
					0.00		
					0.00		
BOD	mg/l	N/A			0.00		
					0.00		
					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	70.00	70.00	62.00	67.00	
		NT			0.00		
Vibration	dB	DT			0.00		
		NT			0.00		

\*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**

N / A

**Improvement of direction by government, or point outs by neighbor**

Occurrence situation	Countermeasure
N/A	N/A
N/A	N/A
N/A	N/A

**Environmental Policy**

Panasonic (Thailand) Group are manufacture of electronic parts and electrical products , realize to environmental responsibility for society. We intend to prevent pollution and conserve the environment through the implementation of environmental management system for guideline of performance to environmental quality development of company and prevent environmental impact to community , by environmental policy are ;

- 1) Complying with environmental legal and other requirement which the company subscribes.
- 2) Preventing and controlling water and air pollution from our performances.
- 3) Promoting an energy saving policy and minimizing the resource consumption.
- 4) Minimizing the waste by implementing the waste management program.
- 5) Reviewing the environmental management system in accordance to the condition changes to ensure continual improvement of our environmental performance.
- 6) Communicate to employees at all relevant functions and level including all persons working for or on behalf of the company to understand the environmental policy and performance by providing appropriate training in awareness and competence including bulletin board postings.
- 7) Promoting our environmental policy and activities to the public, advertising in important areas by the distribution of a variety of printed material (board posting, brochures, etc.).

**Aiming to reduction of environmental impact**



**Eco Relay Activity :**

PMRT cooperate with Panasonic Thailand company to set Eco Relay activity to reduce global warming such as tree planting, no use plastic bag, no driving car, walked instead shuttle

**Mangrove Reforestation.**

PMRT cooperate with Panasonic Company in Thailand to joint Mangrove Reforestation activity to reduce global warming.

**Environmental Communication**



**Safety and Environmental Week.**

PMRT cooperated with Panasonic Thailand group to set Safety and Environmental Week. Aim of this activity to awareness to all employees about safety and environmental.



**Environmental Training.**

To awareness in environment we set training to all employee about global warming on Thailand Environmental Day and show video about global warming in lunch time at canteen to all employee.

**Emergency preparedness and response**



**About our concept and training plan**

Every year we set up training about emergency preparedness and response to all employees to awareness in safety. Our concept of training is lecture and practice.



**Case of a training**

We set training about emergency preparedness and response in many course such as Safety committee job and responsibilities, design inspection and preventive maintenance of fire system, awareness of PPE used, First aid, Fire evacuation, Basic Fire Fighting.