


**Panasonic Energy Corporation of America ( Old name: Panasonic Battery Corporation of America)**

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

Address	5180 Cargo Drive Columbus, GA 31907			
Lot area	163900m <sup>2</sup>	Total floor area	30333m <sup>2</sup>	
Establishment day	1991/7	Employees	250persons	
ISO14001certification date	1999/1	ISO14001renewed	2009/3	
Major Products	Lithium Batteries, Battery Cans, Alkaline Battery Packs,			
Environmental CommunicationFY2009	Information disclosure			
7items	visitors on factory tour	15persons	collaboration with municipality	
Contact	Jody Beasley		TEL:	706-562-2306

**Message from Compliance Administrator**

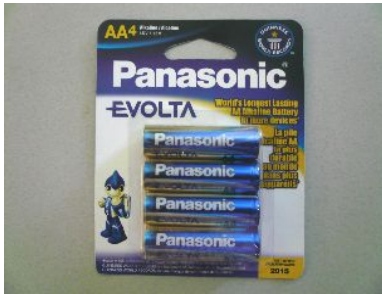
Panasonic Energy Corporation of America provides portable energy products to consumers and industrial customers. In doing so, Panasonic takes action to reduce its environmental impact by reducing CO2 emissions, reducing disposed waste, and many other activities. Panasonic operates its business within all legal guidelines and strives to cooperate with the community in which we are located. Panasonic has a partnership with a local school where we join students in environmental improvement activities.

Compliance Administrators  
**J. Beasley, J. Rowe**

**Main activities in FY2009**

Target	Result
Reduce CO2 emissions.	Management actions have been taken and also planned for reducing CO2 emissions by approximately 10% in 2009.
Reduce waste sent away for disposal.	Baghouse dust is sent to brick manufacturer instead of landfill. Plastic waste is sent to recycle instead of landfill.

**Products of Environmentally-conscious information**



**New Evolta AA and AAA packs were sold in 2009.**

**Evolta packaging materials do not include PVC.**



**Products have low environmental impact.**

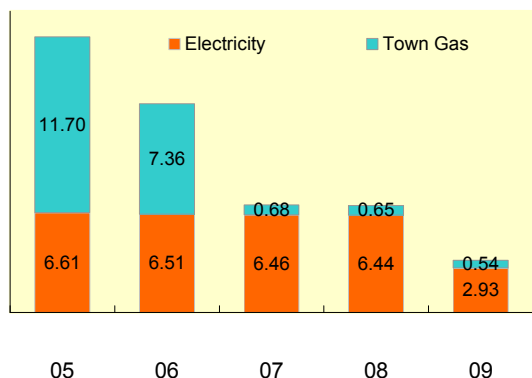
**Panasonic Energy products are manufactured without toxic materials such as mercury and cadmium.**

**Environmental performance data**

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

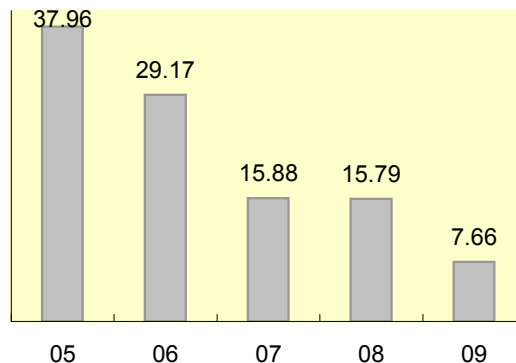
**Energy**

Unit: 1000kl



**CO2 Emission**

Unit: 1000t-CO2



Natural Energy

FY2009

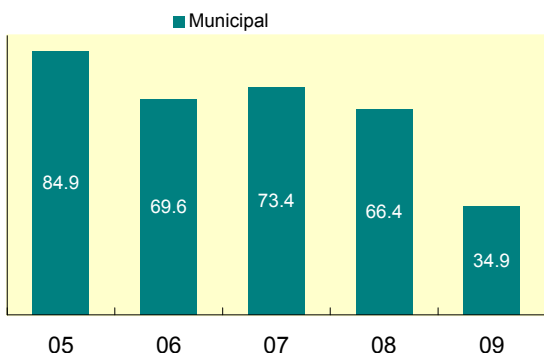
10,008.60 1000kWh

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



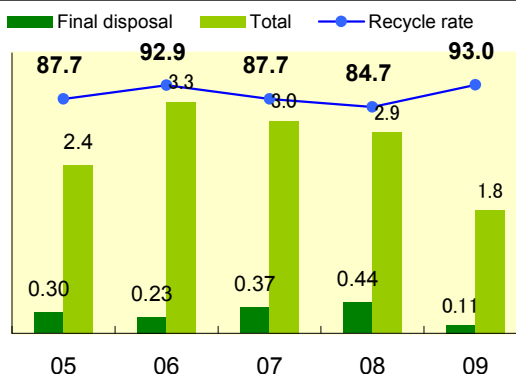
Circulated water

FY2009

31.00 m³

**Waste**

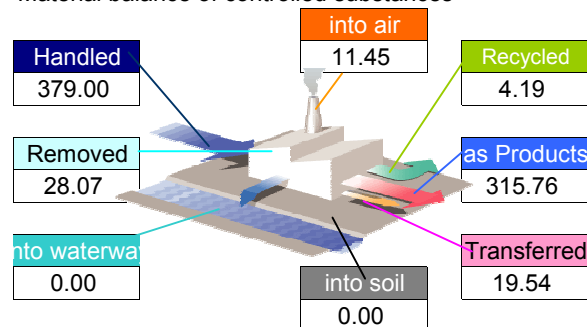
Unit: 1000t, %



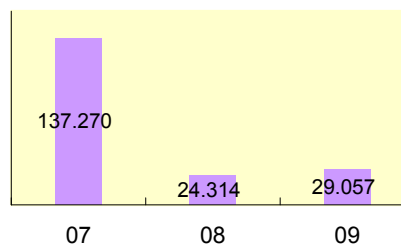
**Chemical substances**

Unit: t

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/](http://panasonic.net/eco/factory/chemical_substance/)

About the above data

PEC-A is sending less waste to landfill. Plastic waste and baghouse cathode dust is now recycled.

**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	PEC-A LD and MD			0.00		annual
					0.00		
					0.00		
NOx	ppm	PEC-A LD and MD			0.00		annual
					0.00		
					0.00		
Particulate	lbs/cft	PEC- A LD	4739.00		1193.00		Daily
					0.00		
					0.00		

**<Water pollutant measurement results>**

	Unit	Facility name	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
COD	mg/l	na			0.00		
					0.00		
					0.00		
BOD	mg/l	na			0.00		
					0.00		
					0.00		
Nitrogen	mg/l	na			0.00		
					0.00		
					0.00		
Phosphorus	mg/l	na			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 na	85.00		0.00		na
		NT na	85.00		0.00		na
Vibration	dB	DT na			0.00		na
		NT na			0.00		na

\*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**

**PEC-A operates below federal and state limits for air emissions.**

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

Occurrence situation	Countermeasure

## Environmental Policy

**Panasonic Energy Corporation of America manufactures and packages alkaline, zinc carbon, and lithium batteries and steel battery cans. Panasonic pledges to identify and reduce environmental impact by operating its business in accordance with all legal requirements. Also, we will continuously reduce waste and energy requirements through process improvements and conservation activities. Panasonic has an environmental management system that complies with and is certified to ISO14001.**

## Aiming to reduction of environmental impact



**Panasonic is reducing energy consumption and CO2 emissions. Many projects are underway to replace lighting, increase room temperature setpoints, install energy efficient equipment, and improve operating efficiency.**



**PEC-A planted trees at local school and discussed environmental responsibility with students.**

## Environmental Communication



**PEC-A employees and their families participated in the Chattahoochee River clean up activity with the local municipality.**



## Emergency preparedness and response



**Each year all employees are trained on several key topics. The safety topics include emergency evacuation, fire extinguisher usage, chemical hazards, and severe weather response. Emergency plans are prepared and communicated to all employees.**