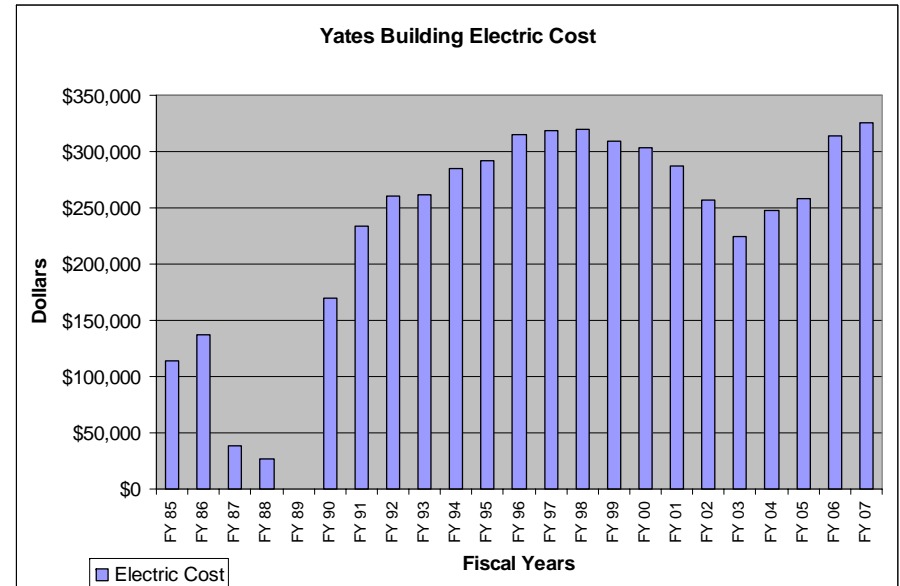
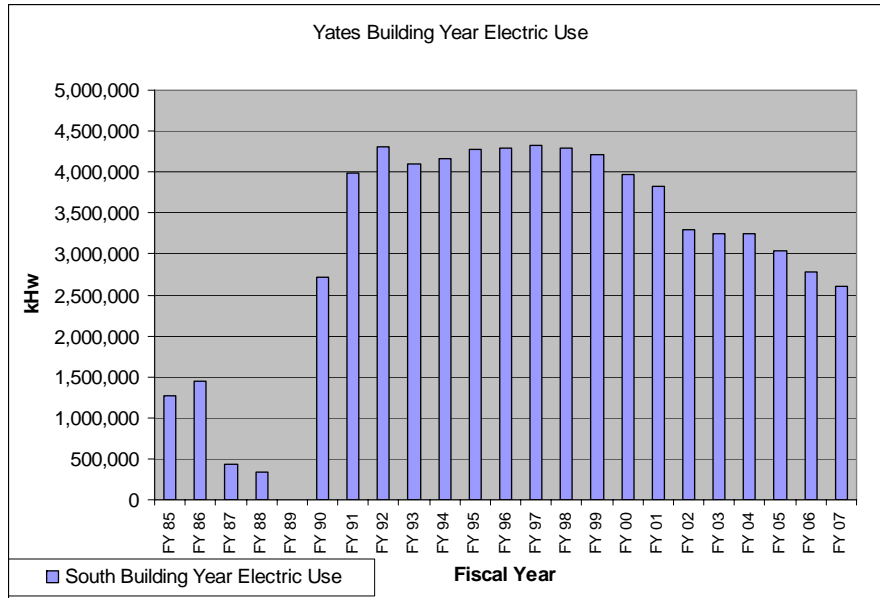


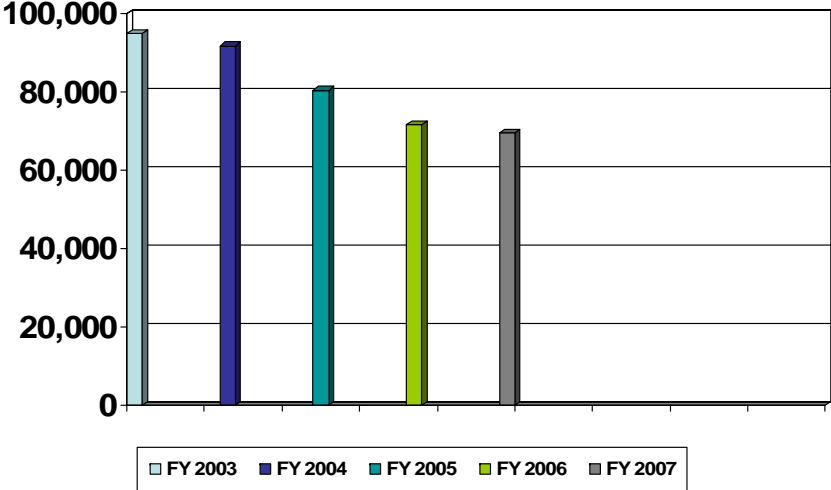
USDA Headquarters Green  
Team Updates for September  
2007

# Yates Building Electric Use and Cost

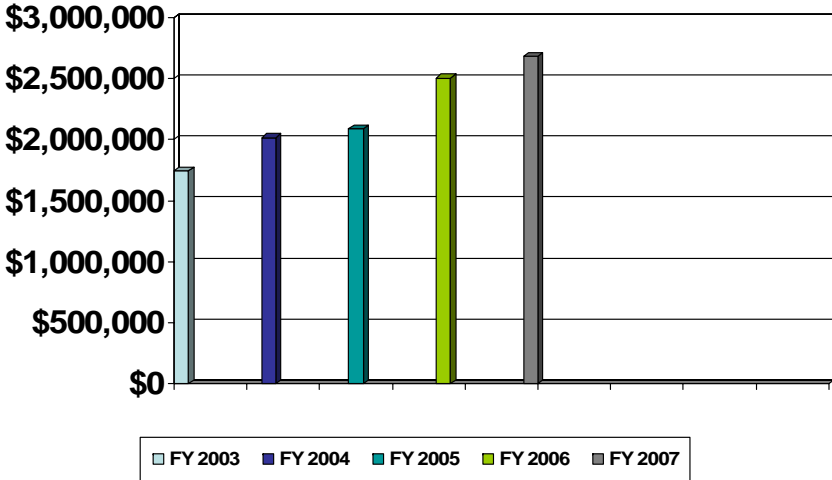


# Steam Use and Cost

Steam Usage  
(Mlbs)  
Graph  
Fiscal Year



Steam Bills  
Graph  
Fiscal Year



# Energy Awareness Month October Outreach Efforts

**Energy Reduction  
Challenge**

**EPA's Change a  
Light, Change a  
World Campaign**

**Posters & Banners**

**Information Tables**



# October Energy Reduction Challenge

**This initiative has the following goals:**

- **Provide real measures of agency cooperation in energy reduction**
- **Provide a test bed for a Headquarters Energy Awareness and Reduction Campaign**
- **Stimulate tenant agency participation in Energy Reduction Goals**

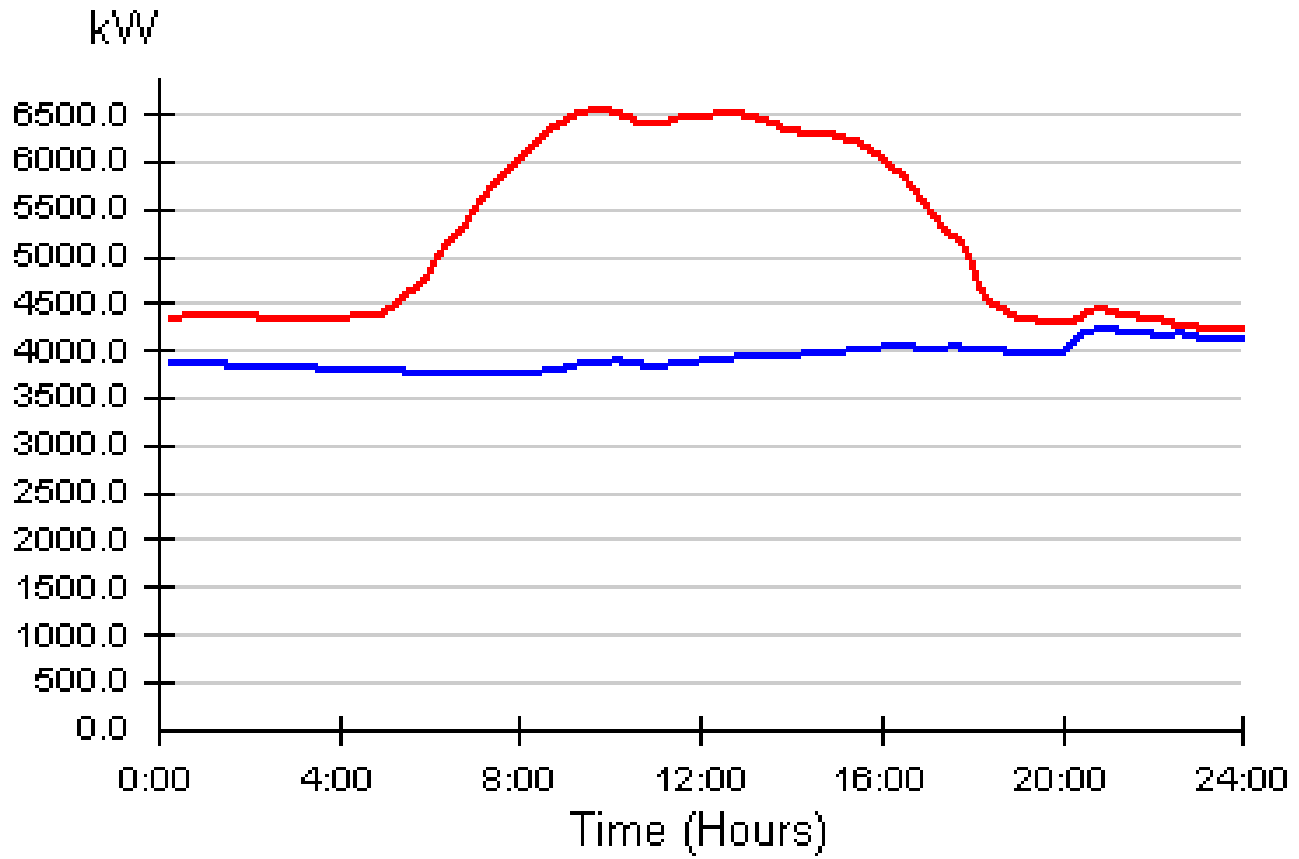
**The initiative should have the following media components:**

- **Awareness Campaign, consisting of email message(s), exit/entrance posters, Channel 6 information, and website coverage**
- **Briefing paper for Sub-Cabinet officials from ASA**
- **Briefing and/or documentation on cost avoidance measures taken and in progress (including modernization)**

**The event should consist of:**

- **Advanced notification of the event**
- **Senior Leadership commitment**
- **Electrical load monitoring prior to, during, and following the scheduled event**
- **Coordinated effort of all building occupants to shut down unnecessary or unused equipment at the end of their workday**
- **Coordinated effort of building engineers to monitor and shut down unneeded equipment**
- **Coordination and collaboration from DOE**

# AVERAGE DAILY ELECTRIC USE IN THE USDA HEADQUARTERS COMPLEX



RED depicts the average weekday energy use; and  
BLUE depicts the average weekend energy use

August – September 2007 data

# "Change a Light, Change the World" Energy Star Campaign

This is an EPA campaign to encourage every American to replace at least one conventional light fixture or light bulb with an Energy Star qualified light.

If every American home replaced just one light bulb or fixture with an ENERGY STAR, every year we would save enough energy to light more than 3 million homes, more than \$600 million in energy costs, and prevent greenhouse gases equivalent to the emissions of more than 800,000 cars.



# DOE Solar Decathlon





# Updates from Office of Operations

- Incandescent bulbs
- Daylight Harvesters in Whitten Bldg Stairwells.
- Activating photo-sensors on outdoor lighting



# EPA Green Power Partner



## Certificate of Partnership

presented to

**USDA Headquarters Complex**

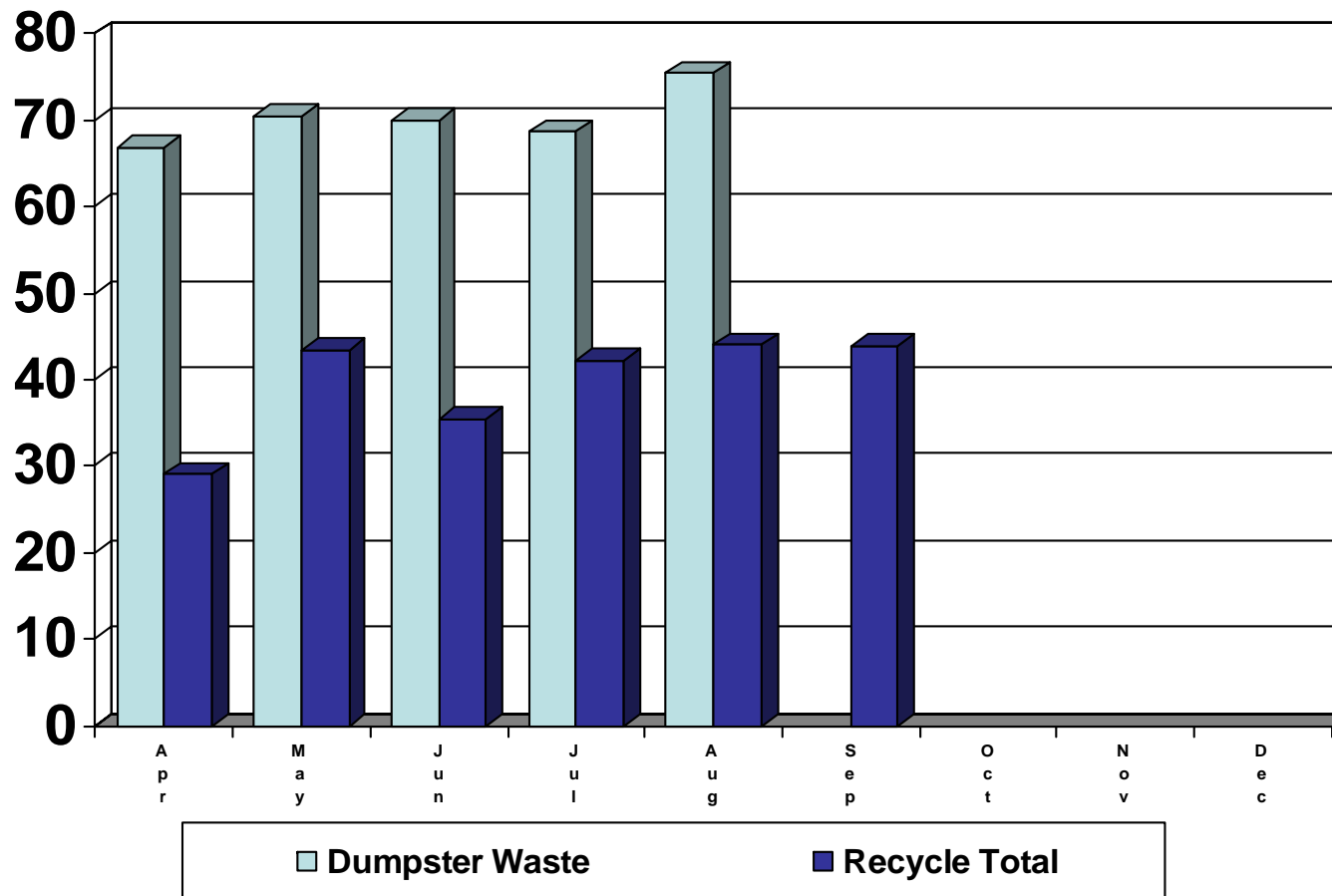
By the U.S. Environmental Protection Agency's Green Power Partnership  
in recognition of efforts to reduce the risk of climate change  
through green power purchasing.

A handwritten signature in black ink, appearing to read 'Kathleen Hogan', is positioned above a horizontal line.

Kathleen Hogan, Director  
Climate Protection Partnerships Division, EPA

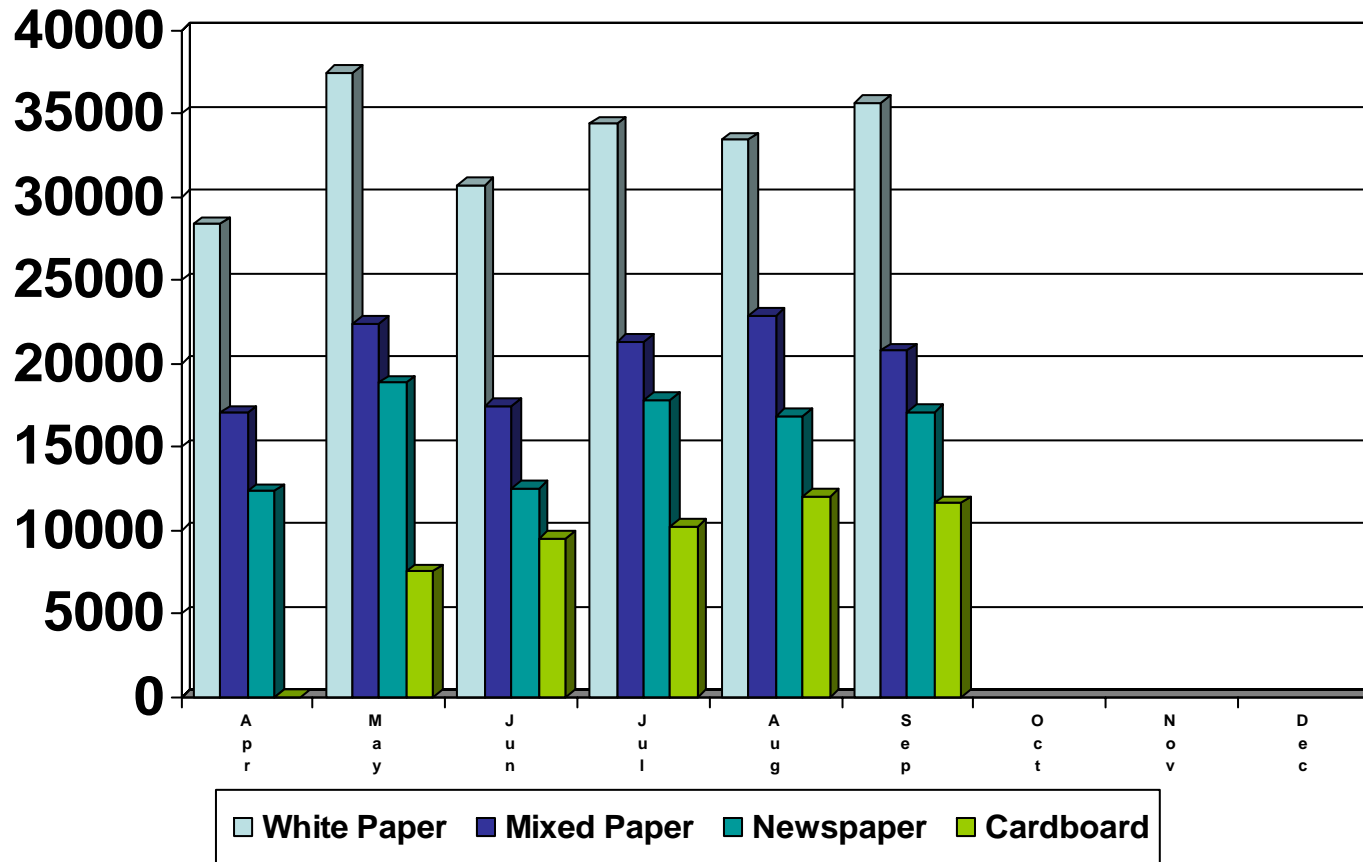
# Waste Management & Recycling

Waste vs Recycle  
(tons)  
Graph  
2007



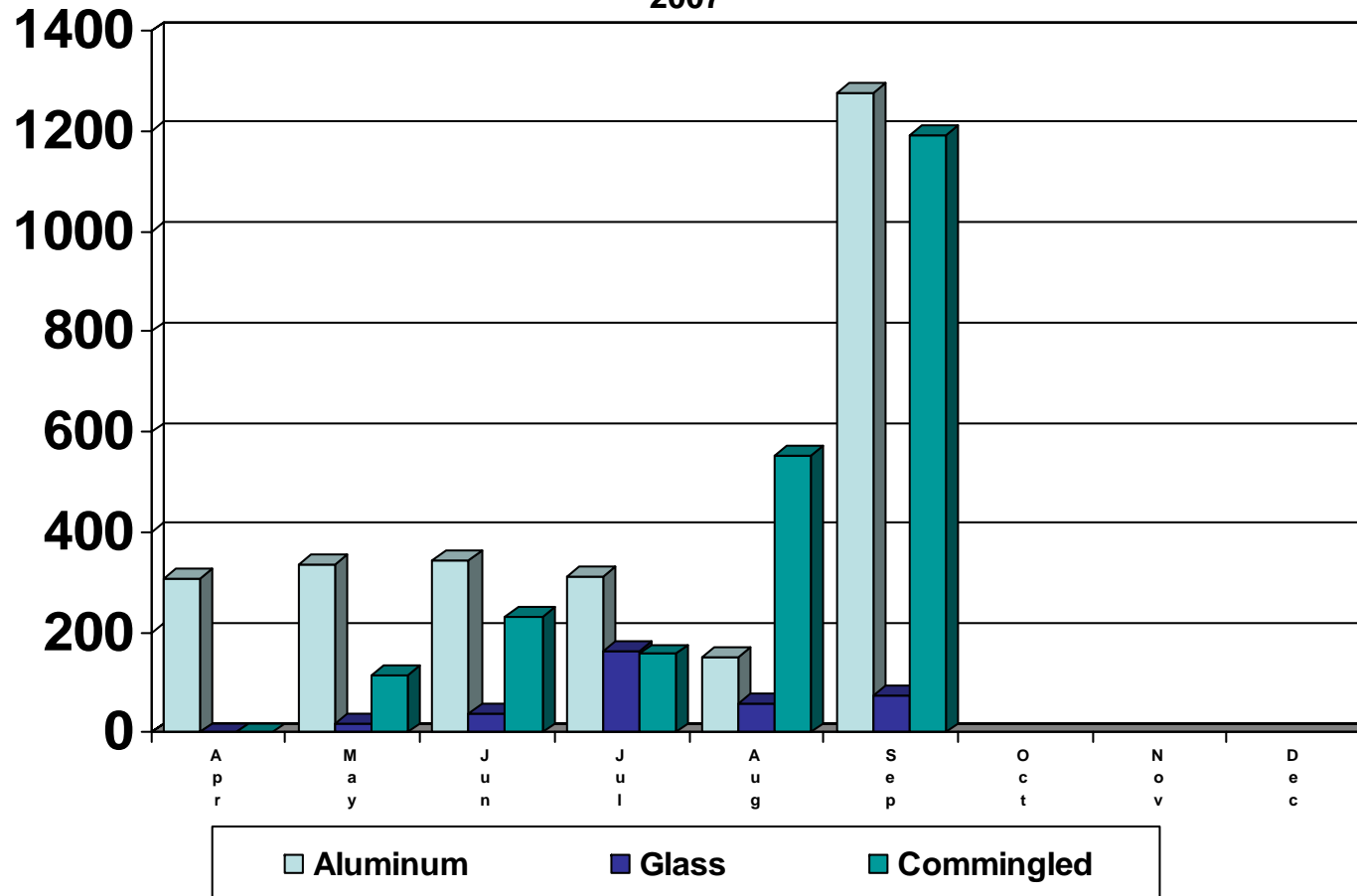
# Paper & Cardboard Charts

Paper & Cardboard  
(pounds)  
Recycle Graph  
2007



# Aluminum & Bottle Waste Charts

Aluminum & Bottle Waste  
(pounds)  
Recycle Graph  
2007



# August Trash Survey





# New Waste Management Initiatives

- Food Waste
- Steel Cans From Food Operations
- Toner Cartridge Collection via GSA Contract
- Exterior Recycle Containers
- Close coordination with Agencies



# Environmental Landscaping

- Landscaping Partnership with USDA agencies
- Partnership activities with Melwood Horticulture





# Environmental Landscape Partnership



Whitten Current Condition



Endless Possibilities





# Eliminating Waste From Our Food Service Operations

