



# Energy Edge

A NEWSLETTER FOR MEMPHIS LIGHT, GAS AND WATER DIVISION KEY ACCOUNT CUSTOMERS  
APRIL 2008

## TVA electric rate increase debuts on April 2008 utility bills

The Tennessee Valley Authority, the federal agency that generates electric power distributed through Tennessee and parts of six surrounding states, activated its electric rate increase with meters read on 3/28/08, the start of the April billing month.

The impact of the wholesale increase, first divulged by TVA in September 2007, varies based on customer classification and tariff. New rate tariffs are available on MLGW's website, [http://mlgw.com/SubView.php?key=comm\\_genrateinfo](http://mlgw.com/SubView.php?key=comm_genrateinfo). Previous rates are also archived on the website. See page 2 for a rate comparison table to help you determine the impact on your business or organization. Keep in mind that MLGW's Electric Temporary Weather Credit is still applicable, providing a \$0.00209 per kWh credit through the December 2008 billing period for all GSA customers.

The increase coincides with a change in TVA's quarterly Fuel Cost Adjustment, which effectively doubled from the previous quarter. (See details in table at right.) The FCA, introduced in October 2006, is designed to adjust up or down each quarter to reflect the forecasted difference in TVA's fuel and purchased power costs from a baseline. Under terms of the TVA power contract, all TVA distributors must apply the FCA to customer bills.

## Earth Day draws attention to use of natural resources at home, work

April 22 was established as Earth Day in 1970, when a Senator from Wisconsin proposed an annual day to recognize environmental concerns. In the last 38 years, millions of Americans have taken part in events and celebrations to generate awareness of environmental issues—which include energy, water, surface and air pollution.

MLGW is co-sponsoring Down to Earth, a community event at Shelby Farms, Sunday, 4/20/08, from 9:00am to 4:00pm. MLGW staff will be present to discuss green power, energy efficiency and other topics. If your organization plans to celebrate Earth Day and would like to include energy information, please email [CRC@mlgw.org](mailto:CRC@mlgw.org) with details about your event (date, attendance, etc) and contact person. For more Earth Day history, visit <http://www.epa.gov/earthday/history.htm>

### MLGW Rates

MLGW's electric, natural gas and water rates are published at [www.mlgw.com](http://www.mlgw.com), along with updated Purchased Gas Adjustment and Fuel Cost Adjustment rates.

### Purchased Gas Adjustment (PGA)

MLGW Rate	Consumption	Demand
G-1 residential	\$0.288	na
G-7	\$0.226	na
G-8 / G-9	\$0.037	\$0.364
G-10 / G-12	\$0.096	na

Adjustment in \$/Ccf to published natural gas rates for meters read on or after 3/28/08.

### Fuel Cost Adjustment (FCA)

TVA Rate Class	MLGW Rate Code	FCA Amount
GSA, Part 1	E-2	\$0.00573
GSA, Part 2	E-2	\$0.00573
GSA, Part 3	E-2	\$0.00565
Residential	E-1	\$0.00580
Outdoor Lighting	E-3	\$0.00580

Adjustment in \$/kWh to all firm kWh, beginning with meters read on 3/28/08 and lasting for three consecutive billing periods.



### Important Contact Information

Commercial Resource Center:

Monday-Friday

7:30am-5:00pm Central

Phone: 901-528-4270

Fax: 901-528-4547

E-mail: [crc@mlgw.org](mailto:crc@mlgw.org)

Emergency: 901-528-4465

Outage: 901-544-6500

VIEW YOUR BILL ONLINE AT [www.mlgw.com](http://www.mlgw.com)

## Summarized Retail Effects of TVA's 3/28/08 Electric Rate Action

excluding quarterly Fuel Cost Adjustor (FCA) and Electric Temporary Weather Credit (ETWC)

Customer Type	MLGW Rate Code	Electric Load Specifications	TVA Rate Class	% Change
General Power	E-2	If (a) the higher of (i) the customer's currently effective contract demand, if any, or (ii) its highest billing demand during the latest 12 month period is not more than 50 kW, <b>AND:</b> (b) customer's monthly energy takings for any month during such period do not exceed 15,000 kWh.	GSA, Part 1	5.5%
General Power	E-2	If (a) the higher of (i) the customer's currently effective contract demand, or (ii) its highest billing demand during the latest 12 month period is greater than 50 kW but not more than 1,000 kW, <b>OR:</b> (b) if the customer's monthly billing demand is less than 50 kW and its energy takings for any month during such period exceed 15,000 kWh.	GSA, Part 2	5.9%
General Power	E-2	If the higher of the customer's currently effective contract demand or its highest billing demand during the latest 12 month period is greater than 1,000 kW.	GSA, Part 3	6.2%
General Power	E-2	If the customer's currently effective contract demand is greater than 5,000 kW but not more than 15,000 kW.	GSB, Firm	6.5% *
General Power	E-2	If the customer's currently effective contract demand is greater than 15,000 kW but not more than 25,000 kW.	GSC, Firm	6.7% *
General Power	E-2	If the customer's currently effective contract demand is greater than 25,000 kW.	GSD, Firm	6.8% *
Manufacturing Power Rate	E-2	Where (a) a customer's currently effective contract demand is greater than 5,000 kW but not more than 15,000 kW, <b>AND:</b> (b) the major use of electricity is for activities conducted at the delivery point serving the customer which are classified with a 2-digit Standard Industrial Classification (SIC) Code between 20 and 39, inclusive; provided that other applicable conditions are met.	MSB, Firm	6.5% *
Manufacturing Power Rate	E-2	Where (a) a customer's currently effective contract demand is greater than 15,000 kW but not more than 25,000 kW, <b>AND:</b> (b) the major use of electricity is for activities conducted at the delivery point serving the customer which are classified with a 2-digit Standard Industrial Classification (SIC) Code between 20 and 39, inclusive; provided that other applicable conditions are met.	MSC, Firm	6.6%*
Manufacturing Power Rate	E-2	Where (a) a customer's currently effective contract demand is greater than 25,000 kW, <b>AND:</b> (b) the major use of electricity is for activities conducted at the delivery point serving the customer which are classified with a 2-digit Standard Industrial Classification (SIC) Code between 20 and 39, inclusive; provided that other applicable conditions are met.	MSD, Firm	6.8%*
Outdoor Lighting	E-3	Street and park lighting systems, traffic signal systems, athletic field lighting installations and outdoor lighting for individual customers, including MLGW's Leased Outdoor Lighting service.	Outdoor Lighting	5.2%
Residential	E-1	Single-family dwelling, where the major use of electricity is for domestic purposes.	Residential	5.5%

\* ETWC not applicable

## Energy Star launches Low Carbon IT Campaign to put PCs to sleep

As Earth Day approaches, the U.S. Environmental Protection Agency (EPA) is asking organizations to join the Energy Star Low Carbon IT Campaign. By enabling the power management, or sleep mode, on their computers and monitors, organizations will help reduce our growing demand for electricity, and save money while fighting climate change. If all office computers and monitors in the United States were set to sleep when not being used, the country could save more than 44 billion kWh or \$4 billion worth of electricity and avoid the greenhouse gas emissions equivalent to those of about 5 million cars each year.

"Although the work day may come to an end, we never clock out of our environmental responsibility," said EPA Administrator Stephen L. Johnson. "By joining the Low Carbon IT Campaign, our partners are taking steps that are not only good for their bottom line, they're (also) good for the environment."

Charter participants of the Energy Star Low Carbon IT Campaign include: Advanced Micro Devices Inc., Anheuser-Busch Cos. Inc., Association of Bay Area Governments Energy Watch, Commonwealth of Massachusetts, Dell Inc., Fox Entertainment Group Inc., HP, Microsoft, OfficeMax, City of Portland (Oregon) Public Schools, City of San Jose (California), and Snohomish (Washington) County Public Utility District.

***If all office computers and monitors in the United States were set to sleep when not being used, the country could save more than 44 billion kWh or \$4 billion worth of electricity and avoid the greenhouse gas emissions equivalent to those of about 5 million cars each year.***

The Energy Star Low Carbon IT Campaign is also partnering with the Climate Savers Computing Initiative, a non-profit group that includes technology firms, energy companies and non-governmental organizations working to promote the use of more energy-efficient computers and increase the use of computer power management. Both efforts share similar goals and cooperate with each other on technical specifications and marketing through a strategic partnership.

By enabling power management settings, computers and monitors go into a low-power sleep mode after a period of inactivity. Power management has the potential to save up to \$50 per computer annually. Despite the significant savings, according to Lawrence Berkeley National Labs, only five to 10 percent of U.S. organizations have deployed these settings on computers.

To join the Energy Star Low Carbon IT Campaign, organizations simply take an online pledge to activate power management features on their monitors and computers to save energy and reduce their carbon footprint. In turn, EPA provides free assistance to help implement power management, an estimate of the organization's energy and carbon savings, and official recognition from the agency. Organizations can join the campaign by visiting: <http://www.energystar.gov/lowcarbonit>. Organizations can increase energy savings further by purchasing Energy Star qualified computers and monitors.

Energy Star was introduced by the U.S. Environmental Protection Agency in 1992 as a voluntary market-based partnership to reduce greenhouse gas emissions through increased energy efficiency. Today, Energy Star offers businesses and consumers energy-efficient solutions to save energy, money and help protect the environment for future generations. More than 12,000 organizations are Energy Star partners committed to improving the energy efficiency of products, homes, buildings and businesses. For more information about Energy Star, visit: <http://www.energystar.gov> or call toll-free 1-888-STAR-YES (1-888-782-7937).