



Energy Edge

A NEWSLETTER FOR MEMPHIS LIGHT, GAS AND WATER DIVISION GENERAL POWER CUSTOMERS
JULY/AUGUST 2011

August bills to include credit for natural gas billing calculation

MLGW customers will see a line item labeled Gas Billing Credit in the natural gas service portion of bills issued between 8/3/2011 and 8/31/2011, representing a credit issued for an error in the calculation of the Purchased Gas Adjustment (PGA) value on previous bills.

A natural gas transportation cost component was omitted from the PGA calculation for the period of January 2008 through May 2011, which caused the variable monthly PGA to be slightly higher than necessary. The impact on each customer will differ based on natural gas rate and consumption recorded in meter readings between 12/26/2007 and 6/1/2011. The credit is less than two cents per hundred cubic feet (CCF) consumed.

A monthly itemization of the credit will appear on the last page of the bill. If sales tax is applicable, it will be a separate line item. If multiple gas meters are billed to one account, multiple Gas Billing Credits will be shown. If the customer changed natural gas rates during the period, separate credits will be shown and listed for each rate. Provisions have been made for applying the credits to accounts that may now be inactive, delinquent or in bankruptcy.

MLGW staff discovered the error during a review of procedures and has implemented processes to prevent a recurrence.

Interest rate falls to 3% on energy loans available through Pathway Lending

Lender offers a Summer Special to encourage facility energy improvements during peak cooling season

Pathway Lending has announced a reduced interest rate of 3% for its Energy Efficiency Loan program for qualified borrowers through 9/30/2011.

Businesses in Tennessee can obtain up to 100% financing for eligible energy efficiency projects. Loans vary from \$20,000 to \$5 million, with 60-month terms. For details, visit <http://www.pathwaylending.org/loans/energy/summer-rate-sale>

The loan can be combined with project incentives through TVA's

MLGW Rates

MLGW's current and historic electric, natural gas and water rates are published at 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	(\$0.115)	na
G-7	(\$0.138)	na
G-8 / G-9	(\$0.225)	\$0.122
G-10 / G-12	(\$0.194)	na

Monthly adjustment in \$/Ccf to published natural gas rates for meters read on or after 8/2/2011.

Fuel Cost Adjustment (FCA)

TVA Rate Class	MLGW Rate Code	FCA Amount
GSA, Part 1	E-2	\$0.02858
GSA, Part 2	E-2	\$0.02858
GSA, Part 3	E-2	\$0.02823
Residential	E-1	\$0.02888
Outdoor Lighting	E-3	\$0.02892

Monthly adjustment in \$/kWh to all firm kWh, beginning with meters read on or after 8/2/2011.



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

Emergency: 901-528-4465

Outage: 901-544-6500

VIEW YOUR BILL ONLINE AT www.mlgw.com

Energy Right Solutions for Business to maximize financial incentives. For details, visit www.mlgw.com/businessenergyincentives

The Peabody debuts four new electric vehicle charging stations

Installation through ECOtality's EVProject makes hotel the first public charging site in Shelby County

Community leaders, technology buffs and environmentalists gathered 7/6/2011 in the parking garage at The Peabody for the debut of four public-access electric vehicle charging stations.

The Peabody is the first local business to receive the free charging infrastructure. Approximately 60 public access chargers will be installed at locations in Shelby County this year, as part of the effort to prepare for widespread consumer purchases of electric vehicles.



MLGW President Jerry Collins speaks at the 7/6/2011 dedication of four electric vehicle charging stations at The Peabody's parking garage. The chargers (visible on the pillars between the building openings) were installed through the federally- and privately-funded EVProject managed by ECOtality. In the background is one of the first Nissan LEAF vehicles delivered in Shelby County.

Businesses and organizations interested in serving as host locations for public charging stations should contact ECOtality at SCox@ecotality.com to request participation. A site assessment will be conducted to determine the installation cost. ECOtality funds typical installation costs. Locations where customers gather for at least an hour are more advantageous than sites with quick customer visits.

Memphis was added to the 18-city project in February after lobbying ECOtality and Nissan for inclusion. Given the late addition, the deadline for local installations was extended from 9/30/2011 to 12/31/2011.

See the March and April 2011 issues of *Energy Edge* for additional news about the project. Learn more at www.mlgw.com/evproject

MLGW Honored With National Award for Reliable Electric Operations

For the third time in six years, Memphis Light, Gas and Water has earned the American Public Power Association's (APPA) Reliable Public Power Provider (RP3) recognition for providing consumers with the highest degree of reliable and safe electric service. A utility can qualify for the award once every two years.

This year, 82 of the nation's more than 2,000 public power utilities earned recognition. The RP3 recognizes public power utilities that demonstrate proficiency in four key disciplines: reliability, safety, training and system improvement. Criteria within each category are based on sound business practices and represent a utility-wide commitment to safe and reliable delivery of electricity.

"The RP3 award is independent confirmation that we at MLGW are working to improve our customers' quality of service," stated Jerry Collins Jr., President and CEO. "I am proud of our employees' commitment to providing safe, reliable, and cost effective electric services to our customers. This award is a testament to this commitment."

Paul Allen, Vice President of Engineering at Nashville Electric Service and chair of APPA's RP3 Review Panel, presented the designees with their awards on March 21, during the association's annual Engineering & Operations Technical Conference, held in Nashville.

"These RP3 designated utilities should be proud," said Allen, "They stand out as utilities that are continuing to strive for excellence for their customers and their communities."

MLGW received a platinum designation in 2007 and 2009, the second highest award; diamond is the highest. This is the sixth year that the RP3 designation has been offered. More information, including a full list of designees, is available at www.APPAnet.org

LEDs provide energy savings in MLGW's elevators

Like each of our customers, MLGW faces energy management and operating cost challenges. This article, written by MLGW Energy Use Engineer Marguerite Epps, P.E., addresses a recent elevator lighting retrofit. Epps will provide occasional articles discussing MLGW's efforts to reduce operating costs through facility improvements.

Light Emitting Diodes (LEDs) are one of many energy efficient technologies used in MLGW's facilities. LEDs are more durable, longer lasting, and use both light and energy more efficiently than many incandescent and fluorescents lamps.

Last year, MLGW replaced inefficient, heat generating 20-watt halogen lamps with LEDs in the elevator cabs located in the David Hansen Administration Building and James L. Netters Business Operations Center.

Because LEDs emit light in a specific direction with less heat, they were a good application for the elevators. The new lamps enhance the look and visual comfort of the cabs. However, while LEDs are attractive and efficient, they are also rugged. Their low profile design withstands the vibration and motion of the elevator cabs which is important from a maintenance standpoint.

Over their lifetime, the LED bulbs will save MLGW about 11,352 kWh, avoid emissions equivalent to removing about 2 cars from the road, and save \$19,600 in energy, maintenance and material costs. Future elevator upgrades include the installation of equipment that will reduce the cabs' stand-by energy use.

LEDs are not for use in all commercial applications. However, they are a good fit for elevators, recessed applications and exterior lighting. Performance and cost barriers of LEDs are being eliminated with the development of standards. Furthermore, entities like Energy Star have designated criteria for the performance of solid state lighting.

While the first cost of LEDs is higher than that of standard incandescent and fluorescent lamps, when a Life Cycle Cost Analysis is made, the LED lamps are more economical with an acceptable payback.

Want more information on LED technology? Go to www.mlgw.com/businessenergyadvisor, click on the Buying Equipment tab and scroll to the Lighting section to find the Light Emitting Diode buying guide.



New 2-watt LED lamps illuminate the elevator cabs at two MLGW facilities, providing energy and maintenance cost savings.