



# Energy Edge

A NEWSLETTER FOR MEMPHIS LIGHT, GAS AND WATER DIVISION GENERAL POWER CUSTOMERS  
APRIL 2014

## MARK YOUR CALENDAR

### MLGW to host meeting on new energy efficiency technologies

MLGW will host a free seminar on new energy efficiency technologies for commercial and industrial customers on Friday, 4/25/2014, from 8:30 to 11:00am.

Ken Black, president of ESource, will be the featured speaker. Ken is a popular presenter so we have allocated the full agenda for his insight on emerging technologies that may benefit your operations through reduce energy use, improved operation and lower maintenance costs.

The meeting will be at MLGW's Administration Building auditorium, 220 South Main Street. Parking is available in the multi-level garage across the street, accessible from 246 South Front Street. (Bring in your parking slip for validation.) Breakfast will be provided. Register online at <http://mlgwcoffee-conservation.eventbrite.com> by Wednesday, 4/23/2014. Space is limited so register early.

### TVA incentive program to resume approving applications in queue

If you are among companies and organizations that submitted an energy efficiency incentive project to TVA under the Energy Right Solutions for Business program between 5/1/2013 and 10/25/2013, there may be good news in your future. TVA has allocated \$3 million in additional funding to approve approximately 200 queued projects.

Applications will be reviewed in the order they were submitted; customers will receive approval letters and follow-up contact from TVA regarding next steps. *Do not begin any project until you receive official approval*, as purchasing, removing or installing any equipment before receiving formal approval will disqualify the project from receiving incentives. Remaining applications will be approved as funds are available.

If you are considering an energy improvement project at your facility but do not have an application in the 2013 program queue, TVA expects to re-open Energy Right Solutions for Business in

### MLGW Rates

MLGW's current and historic 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	\$0.278	na
G-7	\$0.272	na
G-8 / G-9	\$0.239	\$0.382
G-10 / G-12	\$0.342	na

Monthly adjustment in \$/Ccf to published natural gas rates for meters read on or after 4/1/2014.

#### Fuel Cost Adjustment (FCA)

TVA Rate Class	MLGW Rate Code	FCA Amount
GSA, Part 1	E-2	\$0.02996
GSA, Part 2	E-2	\$0.02996
GSA, Part 3	E-2	\$0.02962
Residential	E-1	\$0.03027
Outdoor Lighting	E-3	\$0.02906

Monthly adjustment in \$/kWh to all firm kWh, beginning with meters read on or after 4/1/2014.



### 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

Maintenance,  
Trouble and Gas

Pilot Safety: 901-820-7878

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

fourth quarter. Details have not yet been finalized, so watch future issues of *Energy Edge* for information on program standards, incentives and procedures. Information also will be posted at [www.mlgw.com/businessenergyincentives](http://www.mlgw.com/businessenergyincentives) and <http://energyright.com/business/>

## New Business Energy Center web format yields quicker results

Looking to reduce your energy expenses in 2014? To start, you'll need to understand how your facility consumes electricity and natural gas. MLGW has upgraded the Business Energy Center tools in My Account, at [www.mlgw.com](http://www.mlgw.com), to assist small- to mid-size businesses. Login to My Account and click the Business Energy Center tab to learn more. Check it out today!

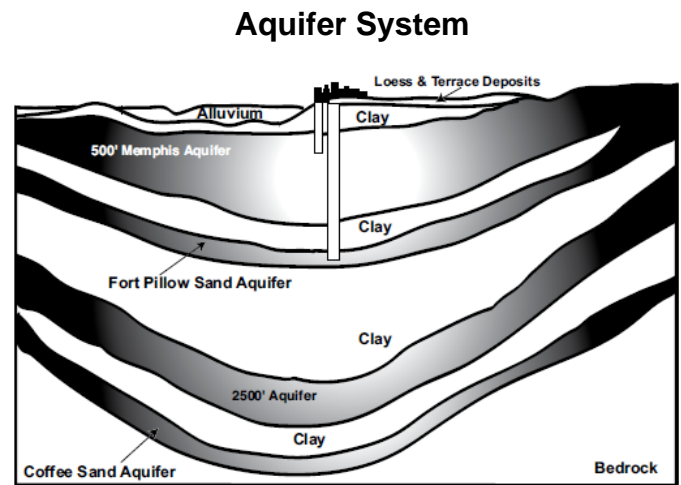
## MLGW releases 2013 Water Quality Report, cites benefits of aquifer

Memphis is home to many unique treasures, but perhaps one of the most vital and coveted is its magnificent drinking water. Few cities in the world can boast water that is as pure, refreshing and tasteful as that found in our own hometown. While most of the world's drinking water originates from surface lakes, streams and rivers, Memphians enjoy the unique privilege of water derived from the Memphis Sands aquifer.

This subterranean treasure contains more than 100 trillion gallons of rainwater that some experts believe fell more than 2000 years ago. The pristine nature of this water springs from a natural filtration system of alternating layers of clay, sand and gravel that sift out the impurities.

MLGW is proud to present the 2013 Water Quality Report. Our water not only meets, but exceeds the standards set by the Environmental Protection Agency (EPA). Memphis water is obtained from underground aquifers. The water we consume in our city has undergone a slow, natural filtering process through outcropping sands. From this high-quality water source, MLGW pumps and further treats the water to obtain a product that ranks among the finest in the world.

Download the report at: <http://www.mlgw.com/waterquality> or call 901-320-3950 to request a printed copy.



## North Community Office closes temporarily for remodeling

MLGW's North Community Office, located at 2424 Summer Avenue, closed temporarily for remodeling on 4/3/2014. The project is expected to last for 45 days.

The recently remodeled South Community Office, located at 2935 Lamar Avenue, re-opened for business on 4/7/2014.

In addition to the Lamar office, customers can visit MLGW's other Community offices: Main Community Office, 245 South Main Street; Millington Community Office, 5131 Navy Road; and the Whitehaven Community Office, 1111 East Shelby Drive.

MLGW's Commercial Resource Center staff is available at 901-528-4270 or [CRC@mlgw.org](mailto:CRC@mlgw.org), Monday through Friday, from 7:30am to 5:00pm Central.

## MLGW installs earthquake monitoring devices for NetQuakes study

*Like each of our customers, MLGW faces energy management and operating cost challenges. MLGW Energy Use Engineer Marguerite Epps, PE, CEM, CDSM, EPSC, provides occasional articles discussing MLGW's efforts to reduce operating costs through facility improvements. Although not energy-related, this recent project may be of interest.*

Memphis lies within the New Madrid seismic zone, which is the most active fault capable of producing major earthquakes. MLGW is actively implementing mitigation strategies to minimize hazards to its facilities and systems in the event of an earthquake.

These efforts include a partnership with the United States Geological Survey (USGS) in their NetQuakes project which is part of the National Earthquake Hazards Reduction Program (NEHRP), established by Congress in 1977. The purpose of the project is to build a uniform grid of seismographs (earthquake monitoring devices) in urban areas like Memphis. A dense grid will provide better measurements of ground motion during earthquakes, which improves the USGS's ability to make rapid post-earthquake assessments. The gathered data will aid in the development of engineering construction standards that can minimize earthquake hazards.

Digital seismographs, also known as accelerometers, are being sited in five of MLGW's facilities in order to communicate earthquake motion data to the USGS via the internet. The data collected after the occurrence of an earthquake will allow the USGS to assist MLGW in assessing the hazard level of its buildings. This information will then be translated into safety and priority needs when sending inspectors into facilities to assess physical damage.

CERI, the Center for Earthquake and Research Information, worked with MLGW in order to identify the locations within Shelby County where the NetQuakes grid's density could be increased. The USGS also has instruments sited through Memphis and Shelby County near other MLGW facilities.

For more information about the USGS NetQuakes program, see <http://earthquake.usgs.gov/monitoring/netquakes/>

*Energy Edge* is published by the Commercial & Industrial Customer Care department of Memphis Light, Gas and Water Division. Comments and distribution list changes may be e-mailed to: [CRC@mlgw.org](mailto:CRC@mlgw.org)