



# Energy Edge

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

AUGUST 2007

## TVA continues call for conservation as electric demand sets record

As temperatures hover near 100° throughout the week, TVA is encouraging customers to conserve energy when possible at work and home, especially during late afternoon and early evening hours when electricity use is reaching record levels.

TVA set an all-time high on 8/6/07 when usage hit 32,095 megawatts (MW) at 5:00pm Central with temperatures across its 80,000-square-mile service region averaging 94°. The previous record was 32,008 MW, set on 7/18/06, when the average temperature across the Valley was 97°.

“Each day this week has the potential to set a record,” cautioned Terry Boston, TVA’s Executive Vice President of Power System Operations. “Energy conservation practices, such as reducing use during the early evening, can serve as an added source to help meet the demand being placed on the power system during this period of extremely hot and dry weather.”

MLGW has not set a historic peak as yet, although the utility did reach an annual peak of 3,324 MW on 8/7/07. Thus far, all circuits in MLGW’s system are under 90% loaded, with the exception of two serving the Arlington area.

While both TVA’s and MLGW’s electric systems are stretched, they remain stable and secure. TVA has issued a Power Supply Alert as a precaution. The probability of curtailment for customers on interruptible rates is considered medium/high.

TVA and MLGW have taken internal steps to reduce their operational electric demand and ensure system reliability. TVA’s internal emergency load curtailment is effective from 1:30pm to 7:30pm Central, when electric demand is highest as air conditioners operate in millions of homes and businesses.

Key steps for MLGW include:

- Instituting in-house reductions where possible.
- Treating any electrical equipment failures as critical and subject to immediate repair to insure availability of capacity.

### 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	\$0.2890	na
G-7	\$0.3037	na
G-8 / G-9	\$0.3621	(\$0.0289)
G-10 / G-12	\$0.3491	na

Adjustment in \$/Ccf to published natural gas rates for bills rendered on or after 7/26/07.

### Fuel Cost Adjustment (FCA)

TVA Rate Class	MLGW Rate Code	FCA Amount
GSA, Part 1	E-2	\$0.00091
GSA, Part 2	E-2	\$0.00091
GSA, Part 3	E-2	\$0.00089
Residential	E-1	\$0.00092
Outdoor Lighting	E-3	\$0.00092

Adjustment in \$/kWh to all firm kWh, beginning with bills rendered on 6/26/07 and lasting for three consecutive billing periods.



### Important Contact Information

Commercial Resource Center:

*Monday-Friday*

*7:30am to 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

Outage: 901-544-6500

- Increasing monitoring of substation and circuit loadings by engineering and operations personnel to detect and proactively respond to overloads, under voltage and potential hot spots.

## Organization launches national “call before you dig” hotline

The Common Ground Alliance has launched a new national “call before you dig” website and phone number designed to serve as a call routing clearinghouse for professional excavators who work in many service territories. The website educates industry audiences about the new national “call before you dig” phone number. 811 is the new FCC-designated national number created to eliminate the confusion of multiple “call before you dig” numbers across the country.

The 811 number will accept calls from anywhere in the United States, collect site information and forward the request to the appropriate utilities serving the location. Requests for underground service line location in Tennessee will be forwarded to Tennessee One Call System, Inc., the non-profit agency that currently handles requests in Shelby County and other areas.

Property owners, contractors and others excavating dirt must request underground service line markings at least three days prior to digging, to avoid service interruption and injury from contact with buried lines.

For more information, visit [www.call811.com](http://www.call811.com) and [www.tnonecall.com](http://www.tnonecall.com).

## EnergyStar boosts rating criteria for commercial dishwashers and ice machines; considers refrigeration equipment enhancements

EPA has announced specifications for two new commercial food service products—dishwashers and ice machines—that will earn the EnergyStar label. More efficient commercial kitchen equipment can save restaurants and food service facilities from 10 to 30 percent on commercial kitchen energy consumption.

The specifications cover several types of machines in both categories, requiring them to meet maximum energy and water efficiency savings. Other EnergyStar commercial food service products include fryers, steam cookers, hot food holding cabinets, and solid door reach-in refrigerators and freezers.

Restaurant and commercial kitchen owners and operators will be able to purchase EnergyStar-qualified commercial dishwashers starting 10/11/2007 and ice makers starting 1/1/2008. Over the next five years, these new EnergyStar products are expected to save restaurants \$100 million in reduced energy and water costs. These products will help improve the energy intensity of food service buildings, which consume roughly 2.5 times more energy per square foot than other commercial buildings. [EnergyStar Commercial Food Service Web page](http://www.energystar.gov/index.cfm?c=new_specs.new_prod_specs) provides resources on improving energy efficiency in commercial kitchens. For specifics about the new rating criteria, visit [http://www.energystar.gov/index.cfm?c=new\\_specs.new\\_prod\\_specs](http://www.energystar.gov/index.cfm?c=new_specs.new_prod_specs)

In addition, EPA and the U.S. Department of Energy (DOE) are considering setting new minimum efficiency standards for commercial refrigeration equipment. New standards will only be put in place if DOE determines that they would be technologically feasible and economically justified, and would result in significant energy savings. DOE is specifically considering new standards for commercial versions of ice-cream freezers; self-contained refrigerators, freezers, and refrigerator-freezers without doors; and remote-condensing refrigerators, freezers, and refrigerator-freezers. DOE will hold a public meeting on 8/23/2007 and will accept public comments through 10/9/2007. See the DOE's [Advanced Notice of Proposed Rulemaking](#) for more information.