



Energy Edge

A NEWSLETTER FOR MEMPHIS LIGHT, GAS AND WATER DIVISION GENERAL POWER CUSTOMERS
SEPTEMBER 2015

FREE ENERGY KIT AND GIFT CARD

Online residential audit offers bonus incentives through September

As Summer nears an end, MLGW and TVA are offering a great energy efficiency bonus that you might want to try—and share with your coworkers, friends and family.

Complete the TVA eScore online energy audit by 9/30/2015 and receive a bonus \$10 Home Depot gift card along with a free energy kit containing CFL bulbs and a variety of other items to help you start saving energy at home. No promo code required, but you must live in an area served by TVA power. (That's MLGW for most readers.)

To start, visit <https://selfaudit.2escore.com>. The online energy audit features simple, friendly graphics to assist you in entering data about your home. The process takes less than five minutes—and can help you save energy every day.

Energy Right Solutions for Industry incentive program to re-open

After exhausting its previous fiscal budget, TVA's EnergyRight Solutions for Industry (ERSI) program will begin accepting new industrial applications on 10/1/2015. Industrial customers are defined as manufacturing sites with NAICS codes of 21, 23, 31, 32 and 33.

The ERSI program process will be the same for projects with an estimated incentive of \$100,000 or less. TVA expects to release details on program changes for projects with estimated incentives greater than \$100,000, in order to keep the program sustainable under a limited budget.

The EnergyRight Solutions website, performance portal, and online application will be updated on October 1 to announce funding for industrial projects and provide all eligibility requirements. Program applications may then be submitted online via www.EnergyRight.com. If you have questions, please call TVA's program administrator at 1-866-233-0450, Monday through Friday, between 8 a.m. and 5 p.m. Central.

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	\$0.055	na
G-7	\$0.027	na
G-8 / G-9	(\$0.050)	\$0.080
G-10 / G-12	(\$0.043)	na

Monthly adjustment in \$/Ccf to published natural gas rates for meters read on or after 9/1/2015.

Fuel Cost Adjustment (FCA)

TVA Rate Class	MLGW Rate Code	FCA Amount
GSA, Part 1	E-2	\$0.02033
GSA, Part 2	E-2	\$0.02032
GSA, Part 3	E-2	\$0.02008
Residential	E-1	\$0.02053
Outdoor Lighting	E-3	\$0.02066

Monthly adjustment in \$/kWh to all firm kWh, beginning with meters read on or after 9/1/2015.



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VIEW YOUR BILL ONLINE AT www.mlgw.com

MLGW smart meter resolution awaits City Council date for approval

Project requires City Council consent before bringing technology benefits to businesses, organizations and residents throughout Shelby County

MLGW expects the Memphis City Council to vote soon on a resolution for the purchase and installation of smart meters, telecommunications and related systems over the next five years. As with any expenditure above \$49,999, the Memphis City Council has the final decision—but the funding comes from MLGW, not the City's budget.

The full-scale project, dubbed phase 2, will include the installation of smart meters for commercial and residential customers, as well as the installation or smart-retrofitting of meters for large industrial customers. The \$240 million contract value is based on the response from Elster Solutions to an MLGW Request for Proposals earlier this year. MLGW's Board of Commissioners approved the resolution in May.

The project follows a successful phase 1, when smart electricity, natural gas and water meters were installed at approximately 24,000 homes in zones across Shelby County. Phase 1 results included: daily remote meter reading rates consistently above 98-99%, completion of a large amount of system integration programming and online customer access to residential smart meter data through My Account. MLGW also conducted a smart electric meter pilot with residential volunteers in 2010-2012 to demonstrate the technology and calculate customer savings from energy conservation and load shifting during peak periods.

Once the phase 2 resolution is approved, the telecommunications infrastructure would be built-out across the entire county and smart meter installations would begin, most likely in early 2016. Approximately 50,000 meters would be installed each quarter, enabling MLGW to reach full deployment—more than 1.1 million meters—in 2020.

Benefits of smart meters for commercial and industrial customers include:

- No need for MLGW to access your property for monthly meter readings—plus larger customers no longer need to maintain phone lines to meters
- No estimated bills due to accessibility, weather and staffing issues
- Fewer delayed bills, as readings can be obtained and confirmed remotely and quickly
- Greater awareness of electricity, natural gas and water usage patterns for cost control
- Water leak detection results in quicker customer notification, minimizing costs and property damage
- Outage and restoration alerts enhance outage management processes
- Voltage monitoring alerts MLGW to potential hazards before problems may be apparent

Watch future issues of *Energy Edge* for more details about the Memphis City Council's decision. For more information about MLGW's smart meter plans, including a detailed Myths & Realities section, visit

www.mlgw.com/smartgrid

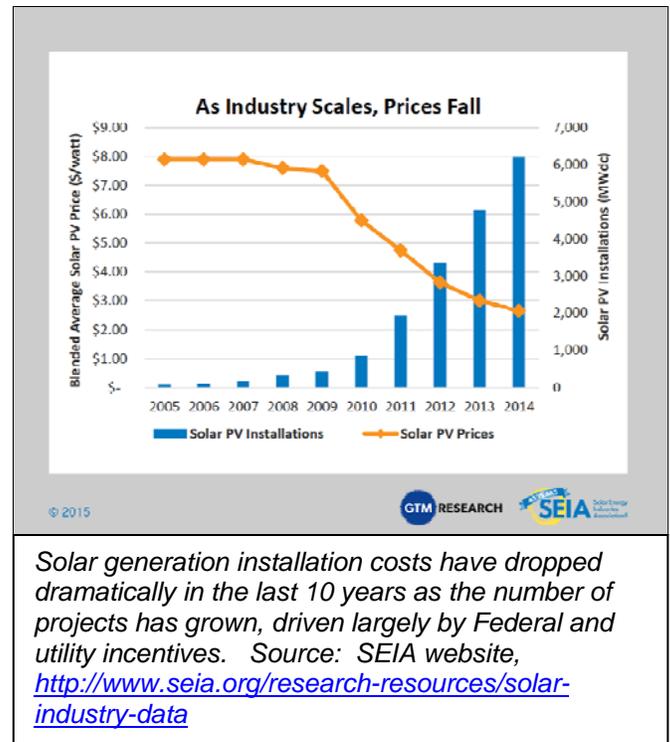
Solar generation incentives to decrease in 2016

Customers interested in installing onsite solar generation will earn fewer incentives starting next year. The 30% Federal investment tax credit for commercial solar projects is expected to fall to 10% for projects completed after 12/31/2016, while the 30% residential incentive will cease. In addition, TVA's Green Power Providers incentive for agreements executed in 2016 will be limited to the retail electric rate. Customers who execute Green Power Providers Participation Agreements in 2015 receive \$0.02 per kWh above the retail electric rate for the first 10 years of their 20-year terms.

These changes reflect the dramatically lower costs of installing solar generation. Data from the Solar Energy Industry Association (SEIA) shows the cost of a solar installation has fallen 73% since the investment tax credit was implemented in 2006.

Customers interested in installing small-scale onsite generation (up to 50 kW) and selling 100% of the output to TVA are encouraged to submit a Capacity Reservation Request for TVA’s Green Power Providers program to take advantage of current incentives. Once a request is accepted, applicants must submit an Application for Interconnection to MLGW for approval, and then execute a Participation Agreement. Participation Agreements submitted by 11/18/2015 will be executed this year with the additional \$0.02 per kWh incentive.

For more details, visit www.mlgw.com/greenpower (scroll halfway down the webpage) and <http://www.tva.com/greenpowerswitch/providers/> To begin the Green Power Providers application process, visit: <https://gpp.tva.gov/ServiceCenter/frmLogin.aspx?ReturnUrl=%2fServiceCenter>



Solar generation installation costs have dropped dramatically in the last 10 years as the number of projects has grown, driven largely by Federal and utility incentives. Source: SEIA website, <http://www.seia.org/research-resources/solar-industry-data>

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: BusinessSolutionsCenter@mlgw.org