



Energy Edge

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

Energy Right Solutions for Business to return

TVA prepares to re-launch commercial incentive program on January 5th

After a 14-month hiatus, during which hundreds of backlogged applications were processed, TVA announced that the Energy Right Solutions for Business program will begin accepting new project applications for upgrades at commercial facilities on 1/5/2015. The application start date for industrial locations—defined as facilities with manufacturing NAICS codes of 21, 23, 31, 32 and 33—has not been determined.

Energy Right Solutions for Business has been redesigned to incent customers to include higher levels of efficiency in their retrofitting projects, with variables to help ensure long-term program sustainability. The 2015 calendar year budget for the commercial program is \$11.8 million, including about \$2.5 million in backlogged projects that are underway. Carryover from older industrial applications already accounts for more than 90% of the industrial program budget; hence, its delayed launch.

Highlights for the revamped program include:

- Qualified higher-efficiency products in HVAC, lighting, food service, water heating and miscellaneous categories.
- Projects must qualify for at least \$500 in incentives per site to be eligible for the standard incentive, or \$1,000 per site for the custom incentive.
- HVAC and food service projects with incentives of \$2,000 and less in the standard process may pre-install, provided the application is submitted within 60 days of installation. (Previously, only HVAC projects could pre-install, which enabled emergency replacement of failed equipment. Food service projects have been added to this emergency replacement clause to encourage higher efficiency selections.) All custom incentive projects still require pre-approval, regardless of technology or dollar value.
- Incentive amounts vary based on the selected measure. Incentives are capped at 70% of project cost. For standard project applications, project cost includes materials only. For custom project applications, project cost includes materials and engineering/design fees.
- All lighting projects must use a Preferred Partners Network (PPN) member to submit the new Energy Calculator documentation quantifying fixture types and quantities.

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	\$0.015	na
G-7	\$0.006	na
G-8 / G-9	(\$0.039)	\$0.392
G-10 / G-12	(\$0.036)	na

Monthly adjustment in \$/Ccf to published natural gas rates for meters read on or after 12/2/2014.

Fuel Cost Adjustment (FCA)

TVA Rate Class	MLGW Rate Code	FCA Amount
GSA, Part 1	E-2	\$0.02069
GSA, Part 2	E-2	\$0.02065
GSA, Part 3	E-2	\$0.02036
Residential	E-1	\$0.02093
Outdoor Lighting	E-3	\$0.02080

Monthly adjustment in \$/kWh to all firm kWh, beginning with meters read on or after 12/2/2014.



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

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

Upon submittal, the PPN member will receive a code that is required for the customer's lighting application. Customers may self-install lighting.

- All applications must be submitted online using the new data entry form, which will be available on 1/5/2015 at www.energyright.com and from links at www.mlgw.com/businessenergyincentives

Energy Right Solutions for Business accounted for 27% of energy efficiency resources in TVA's fiscal year 2014, while Energy Right Solutions for Industry accounted for 49%. These two programs represent the majority of TVA program funding and customer savings, making their long-term viability extremely important to TVA, utilities and end-use customers. If you are contemplating whether to pursue energy efficiency upgrades in 2015, Energy Right Solutions for Business incentives can assist in justifying even higher efficiency product selections to maximize your operational savings.



Preferred Partners Network members prepare to offer Energy Right Solutions for Business

About 40 area contractors and manufacturers' representatives in TVA's Preferred Partners Network attended training in Memphis on 12/3/2014 to learn about TVA's Energy Right Solutions for Business program. The members learned how to track program incentive availability, using a public portal which is updated daily and accessible at <https://www.tvaenergyrightsolutions.com/>. Participants also learned how to develop and submit lighting projects using the new, required PPN Energy Calculator. These companies are eager to assist you!

Green Power Providers to accept applications in late January

TVA's renewable generation program, Green Power Providers, will re-open on 1/26/2015, enabling customers to install solar and other qualified generation sources and sell 100% of their power back to TVA at a \$0.02 premium above the retail rate. TVA will accept up to 10 MW of new projects, with 40% allocated for residential customers and 60% for non-residential customers. Eligible projects must be at least 500 watts up to 50 kiloWatts (kW).

To apply, customers must submit a Capacity Reservation Request to bwilliamson@mlgw.org between 1/26/2015 and 2/13/2015. If TVA receives more requests than allotted capacity in both or either segment during this three-week period, a random selection process will be deployed to select projects in the segment(s). If submitted requests do not meet or exceed the 4 MW residential and 6 MW non-residential allotments, then additional Capacity Reservation Requests will be accepted after 2/13/2015. In addition, TVA will create a waitlist equal to 30% of capacity for each segment.

Once the Capacity Reservation Request is accepted by TVA, MLGW will notify the applicant, who will have 10 business days to submit the full application package—including MLGW Application for Interconnection, TVA Participation Agreement, one-line drawing and manufacturers' specification sheets.

Starting in 2015, many of the TVA-specific documents will be online for electronic completion, submittal and tracking, so interested customers and contractors will need to wait for those forms to be released on 1/26/2015.

For more details on Green Power Providers, visit www.mlgw.com/greenpower (scroll about halfway down the webpage) and <http://www.tva.gov/renewable/index.htm> . Watch for more details in future issues of Energy Edge.

RSO, SSI programs for larger generation systems open earlier, 1/2/2015

Customers interested in installing systems greater than 50 kW, up to 20 MW, may qualify for TVA's Renewable Standard Offer (RSO), which pays a market-based price (less than retail) for green power. There will be 100 MW of new capacity in RSO for 2015. Under RSO, the generation site does not need to be an MLGW-served facility and the participant does not need to be a local utility customer, providing more options for third-party owners and other situations. TVA will offer an additional 20 MW of solar-only capacity in 2015 for the Solar Solutions Initiative (SSI), which features a price overlay above the RSO price. Find details for both offerings at www.tva.com/renewablestandardoffer TVA will accept applications for RSO and SSO beginning 1/2/2015.

Energy tips to cut operating costs this holiday season

Many companies close their operations for Christmas, New Years and other winter holidays, resulting in energy-saving opportunities if you take a little time to plan ahead. Others find their operating hours extended to serve celebrating crowds. Here are some ideas to assist you in reducing energy use in the midst of holiday festivities:

Tips for facilities CLOSED for the holiday

- Encourage employees to turn off desk lamps and power down computers, monitors, speakers, printers and copiers before they leave. Controlling these plug loads can deliver sizable savings every day, but especially during extended periods when your business is closed.
- Turn off lighting in break rooms, conference rooms and restrooms.
- Adjust heating systems to minimize operation during vacant hours and make sure personal space heaters are turned off.
- Close your window blinds to slow heat loss.
- Reduce the temperature on your water heater.
- Email tips to staff as a reminder of easy steps they can take to contribute to your organization's profitability. Find info, a quick quiz and links to amusing (yet informative) workplace animation at: <http://www.energystar.gov/buildings/about-us/how-can-we-help-you/communicate/energy-star-communications-toolkit/bring-your-green-work>

Tips for facilities OPEN LONGER for the holiday

- Make sure your interior and exterior lighting systems are adjusted to reflect longer operating hours, including cleaning and stocking time, but remember to cut back to minimum needs when the building is vacant.
- Heating and water heating systems need to operate during your extended hours, but usually don't require consistent temperatures overnight so adjust your systems' setback times or make changes manually.
- Retailers, restaurants and other businesses and organizations that extend their hours during the holiday season also are likely to have holiday décor. Consider turning off festive lights, fans for inflatable characters and other energy-consuming decorations when you close each night.

TVA system load approached new peak during November cold snap

Business customer response helped ensure grid stability, low rates

The mid-November cold snap triggered near-record demand on the TVA electric system, setting the second highest November peak ever on Wednesday, 11/19/2014, at 7:00am. With the regional temperature at 26

degrees, the TVA system load hit 26,644 MW. At that time, MLGW's system load hovered at 1,800 MW, significantly less than the usual 10%+ share.

Interestingly, MLGW's local system peak always occurs in the late afternoon to early evening hours, regardless of season. In winter, the variation between TVA and MLGW system load shapes is due to the local preponderance of natural gas for residential heating, which is less common in the rest of the TVA region.

To help meet regional system demand, TVA enacted two demand response events—calling on participating large commercial and industrial customers to reduce system load during the hours of 6:00am to 9:00am on 11/18/2014 and 6:00am to 8:00am on 11/19/2014. The TVA/EnerNOC Demand Response program has called 9 events, totaling 32 hours, so far in 2014. This year, most events occurred in winter—January and November—than during the traditional summer peak. Through June, participants have earned a total of \$259,000 in incentives for 2014. Since the program began in 2009, cumulative incentives paid to local participants have exceeded \$2.3 million. For information, visit <http://mlgw.com/enernoc>

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