

MEWS NEWS

Fall/Winter Issue 2014

MEWS' Peak Reduction/Energy Management Program

Mayfield Electric & Water Systems purchases all of its electricity from the Tennessee Valley Authority (TVA). Each month, TVA sends MEWS a power bill for the usage just as MEWS sends to its customers. A large portion of that bill is based upon the maximum, or peak, energy used by our customers during one hour of each month, called Demand. The rate MEWS is charged from TVA is based on the total amount of electricity or energy used in Mayfield, and a separate charge for Demand. The capacity required to supply energy for the short, high peaks in usage are costly to TVA and MEWS, and the cost must be recovered. So, it is beneficial for our community to keep the peak demand as low as possible in order for MEWS to keep our rates as low as feasible. In an effort to keep MEWS' energy demand as low as possible, a Peak Reduction/ Energy Management Program has been created.

Through this program, MEWS is working proactively to forecast when the highest reading or peak demand could potentially take place, MEWS will attempt to forecast these periods based on close examination of historical data, a review of the current month's trend, and the extended weather forecast. There are many variables that play a role in setting a new peak demand; however, weather is the main factor in the residential load. Historically during the months ranging from May to October, MEWS has set the monthly demand peak 98% of the time between the hours of 1 PM & 5 PM. In a mild month, as we experienced in August, it may be less complicated to forecast the peak and see a narrow window of high temperatures and high humidity, creating high heat indices. This is when one would normally see a spike in demand.

When MEWS recognized the potential for a new peak demand to be set in the month of August, we enlisted the help of our residential customers, as well as our local businesses to help in trying to reduce energy consumption during the few hours between 1 PM and 5 PM-when the peak demand has historically taken place. MEWS notified our customers of the anticipated peak demand time via social media. When our customers learned of the request to conserve energy, they took minor steps in energy reduction along with MEWS to help to prevent a costly spike in demand charges.

...Story Continued on Page 3

Inside This Issue

In The Community:

Cold Weather Energy Tips

Public Power Week

Getting to Know Us: Heather Payne

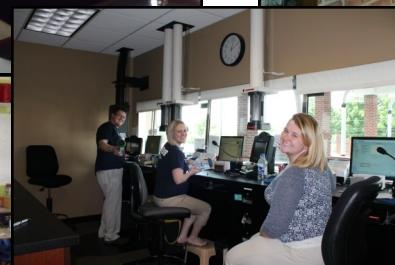
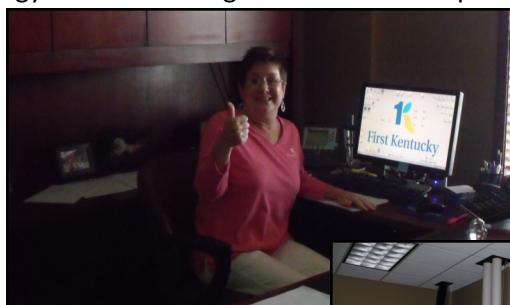
...Continued from Page 1

Stay Connected via Social Media

Emergency Numbers

Employee Anniversaries

Office Closings



First Kentucky Bank, FNB, City Hall & KY Kids Preschool also participated in the Energy Reduction Program with MEWS.



**Mayfield Electric &
Water Systems**

Contacts:

270-247-4661

www.mayfieldews.com

**301 E Broadway
Mayfield, KY 42066**

OFFICE HOURS:

**Monday thru Friday
7:00 AM to 4:30 PM**

**Mayfield Electric &
Water Systems'**

BOARD MEMBERS

Wesley K. Greer
Chairperson

Chris Kendrick
Vice Chairperson

Nancy Barger
Secretary-Treasurer

Jana Adams
Council Representative

Tim Choate
Member

Sam Boyd Neely, Jr.
Attorney

The electric plant board is made up of progressive community leaders and directs the management of MEWS. The plant board consists of 5 members appointed by the Mayor and confirmed by the City Council.

Cool Weather Energy Tips

TAKE ADVANTAGE OF HEAT FROM THE SUN

Open curtains on your south-facing windows during the day to allow sunlight to naturally heat your home, and close them at night to reduce the chill you may feel from cold windows.

COVER DRAFTY WINDOWS

Use a heavy-duty, clear plastic sheet on a frame or tape clear plastic film to the inside of your window frames during the cold winter months. Make sure the plastic is sealed tightly to the frame to help reduce infiltration.

ADJUST THE TEMPERATURE

When you are home and awake, set your thermostat as low as is comfortable. When you are asleep or out of the house, turn your thermostat back 10° to 15° for eight hours and save around 10% a year on your heating and cooling bills. A programmable thermostat can make it easy to set back your temperature.

FIND AND SEAL LEAKS

Seal the air leaks around utility cut-throughs for plumbing, gaps around chimneys and recessed lights in insulated ceilings, and unfinished spaces behind cupboards and closets. Add caulk or weather-stripping to seal air leaks around leaky doors and windows.

MAINTAIN YOUR HEATING SYSTEMS

Schedule service for your heating system. Replace your furnace filter at least once a month.

Public Power: A Tradition That Works

MEWS is a public power utility that is owned by the people we serve. We focus on delivering reliable and affordable electricity as part of our mission of service to our communities to help them shine as great places to live, work and play and to raise a family.

We are not in business to make a profit. We reinvest every dollar we earn into our utility system to make it better. The public power model is designed to give you the lowest energy rates possible, service you can count on and support in attracting new jobs to the area.

The work we do is paramount to the communities we serve, and it is a responsibility we take very seriously. We work for you and we are committed to making your life better. Whether it is working together to keep your energy bills low, your reliability high or to bring new jobs to the area, you can rest assured that our goal is to make life better for you.

Thank you for helping us celebrate Public Power: A Tradition That Works!



Getting to Know Us: Heather Payne

Mayfield Electric and Water Systems would like to introduce Heather Payne. She has been employed with us as an Administrative Assistant since 2012. Heather is a native of Mayfield and attended Mayfield High School, graduating in 1998. Before coming to MEWS, Heather was an employee of First Kentucky Bank for 14 years.

Heather is married to JP Payne and has two children, Jayce-11 and KayLynn-7. In her hours away from work, she enjoys spending time with her family.

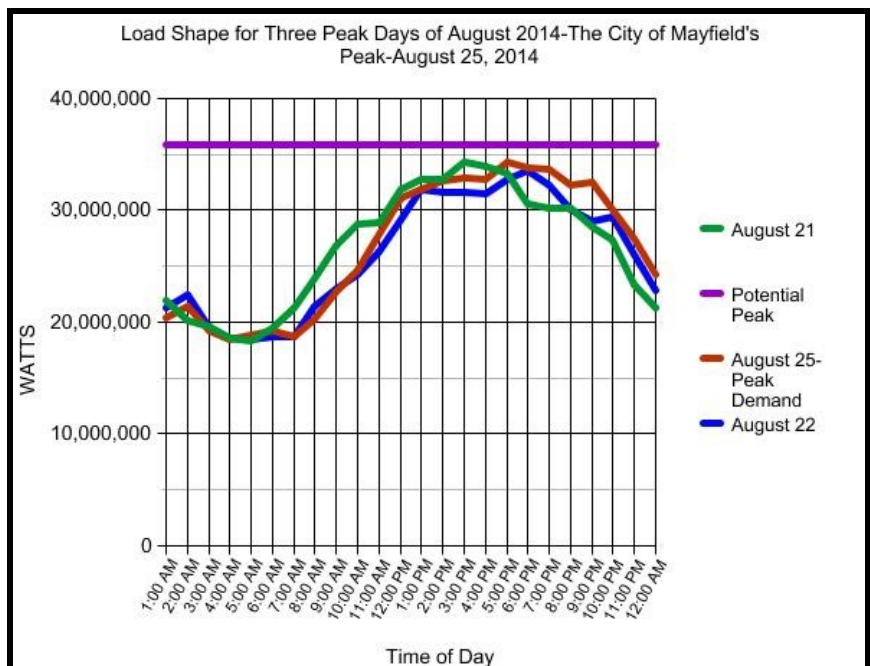


Energy Program...Continued from Page 1

MEWS' strategy in reducing energy consumption during times of peak demand included a reduction in usage at all of our facilities, not just the main office. MEWS exercised generators at the water plant; turned off water service pumps at our distribution warehouse and utilized the storage of our water tanks. MEWS eliminated excess lighting in unoccupied areas at all facilities and utilized natural sunlight where it was abundant. We raised thermostats to a comfortable level a few degrees higher than normal; and lowered solar shades in our main lobby to help keep out the heat generated by the sun. We closely monitored our wastewater plant while operating the minimum number of motors to run the aeration blowers & brushes which maintain the oxygen levels and keep the treatment facility within compliance.

In August, MEWS predicted Mayfield's potential peak day would be August 21, 22, or 25th. On these days, we asked for co-operation in energy reduction to keep the Demand under 36,000 kW. On August 25th at 3:59 PM, the city of Mayfield reached its peak demand of 34,048 Megawatts. By utilizing the Peak Demand/Energy Reduction Program, MEWS along with participating local business and residential customers, we believe we were able to shave our potential load by 1.624 Megawatts.

MEWS would like to thank all of those who participated in our Peak Demand/Energy Reduction Program and would like to invite the community to participate in program during our future months.



Stay Connected Through Social Media

Twitter and Facebook are online tools that can help connect businesses more effectively with the right audience at the right time. Businesses and organizations of all shapes and sizes are now using social media to stay connected with their customers 24/7. It can be used to quickly share information with people interested in your company and to build relationships with customers, partners and other people who care about your business.

Mayfield Electric & Water Systems invites you to “like” us on Facebook and follow us on Twitter. Staying connected with us through social media can help you receive minute-by-minute information about what’s going on with your utilities. There will be updates on power outages, water main breaks, boil water advisories, and traffic alerts due to maintenance. MEWS will also be posting information on energy and water conservation, tips on how to lower your bill and information on special services and programs that we offer, such as www.myusage.com and our RoundUp program..

To follow us on Twitter, search @MEWSPublic at www.twitter.com; to like us on Facebook, search for Mayfield Electric and Water Systems at www.facebook.com. Or, you can find links to both of our social media sites at our website www.mayfieldews.com.



**Report Power Outages,
Water, or Sewer Problems to:**
270-247-4661
After hours call:
270-247-3531

Employee Service Anniversaries *October, November, December*

Michael Shaw 16

Jenny Copeland 9

Brandon Riley 6

Office Closings

Thanksgiving

November 27 & 28

Christmas

December 24 & 25



Mayfield Electric & Water Systems encourages the use of CFL bulbs, but wants to remind our customers that CFLs contain very small traces of mercury and should not be disposed of in your regular garbage.

Bring in your expired bulb and we will recycle it for FREE!