LET’S TALK

Please enjoy this edition of our Mill Creek Neighbor to Neighbor newsletter, LG&E’s way of keeping you informed of our activities and updated on major projects currently being completed in your community.

Email Us: neighbor2neighbor@lge-ku.com
Visit Our Website: lge-ku.com/neighbor2neighbor

KEEPING YOU IN THE MILL CREEK ENERGY LOOP

FOLLOW THE MILL CREEK FALCONS

We’re excited about another season of falcon-watching at the Mill Creek plant. Peregrine falcons have been nesting here for almost 10 years, and we always look forward to their return. Mill Creek is one of five company plants that have nesting boxes; the others are Cane Run, where an egg has been spotted, E.W. Brown, Ghent and Trimble County. The boxes were placed at the sites by the Kentucky Department of Fish and Wildlife Resources, and officials with the department monitor the falcons and provide some health care for the new hatchlings.

Last year four chicks were born at Mill Creek – two males and two females. One of the females (Egypt) injured her wing while she was learning to fly. Fortunately, she was treated and rehabilitated by Raptor Rehabilitation of Kentucky, Inc., in Louisville. She was bonded and released. Since then, she has successfully paired with a male. They have been sighted nesting at another location in the state.

You’re invited to keep up with the Mill Creek falcons by visiting lge-ku.com and clicking on the falcon cam.

AGREEMENT ENDS DISPUTE OVER WASTEWATER DISCHARGES

An agreement between LG&E and the Sierra Club regarding a lawsuit over water discharge at Mill Creek received final federal approval in December. The Sierra Club filed suit in 2014 over the plant’s handling of direct discharges of wastewater from its ash pond into the Ohio River. Per the agreement – which includes no finding of any violation of law and does not involve any fines or civil penalties – as of the end of 2016, LG&E:

- Ended the use of an open discharge point to the Ohio River with exception of emergency situations or necessary maintenance.
- Conducted additional water sampling in the ash pond and submitted results to the Kentucky Division of Water.

LG&E has also agreed to provide $1 million for tree-planting and water-quality projects in the state, primarily in the southwest Jefferson County area.

PLANT REGISTERS SIGNIFICANT REDUCTION IN AIR POLLUTANTS

Recently released numbers from the U.S. Environmental Protection Agency and Jefferson County officials show that new environmental controls at the Mill Creek Plant have helped to significantly reduce toxic air pollutants. The most recent figures compare 2014 to 2015 and show that sulfuric acid emissions at the plant decreased by 57 percent in 2015 – from four million pounds to 1.7 million pounds. In addition, nitrogen oxide emissions declined from 11.2 million pounds in 2014 to 8.5 million pounds in 2015.
DEAR MILL CREEK NEIGHBOR,

I hope the start of the year is going well for your family.

Looking back, the station’s new WFGD and baghouses continue their smooth operation, helping the plant improve emission controls and ensuring we stay in compliance with EPA environmental regulations. Now that it’s spring, we’ll be keeping a close eye on our falcon nest and watching for new additions to the family. You can check out our falcon cam at lge-ku.com.

LG&E has reached an agreement with the Sierra Club regarding discharges from the plant’s ash pond to the Ohio River. Visit our website at lge-ku.com to read the details. Engineering design work is well under way on capping and closing the ash pond, a project that will be completed by the end of 2021.

What’s the last book you read?  
Brian Greene’s The Fabric of the Cosmos.

What type of music do you like?  
I listen to all genres of music; however, since I play guitar, I am biased toward rock.

What’s your job title, and what are your responsibilities at the Mill Creek plant?  
I am a mechanical engineer primarily responsible for combustion performance of all the units at Mill Creek. Also, I manage capital projects that improve the reliability and performance of the station.

What do you like best/enjoy most about working at LG&E and KU?  
I enjoy being a part of and contributing to one of the country’s most reliable and low-cost energy providers. This is an engineer’s playground in that it covers all disciplines of engineering.

How long have you worked at LG&E and KU?  
I have worked for LG&E and KU for nine years.

What’s your favorite food?  
Pizza.

Name someone (dead or alive) with whom you’d like to spend a day with.  
George Washington.

PROJECT EARS NATIONAL INDUSTRY RECOGNITION

Power Engineering magazine named LG&E its 2016 winner of the Coal Project of the Year award for the air quality upgrades made to the plant’s four generating units.

The last of four new baghouses was completed last year, with Unit 3 coming online in June, joining units 1, 2 and 4. Collectively, the units reduce particulate, mercury, sulfuric acid emissions and other hazardous air pollutants and ensure Mill Creek is in full compliance with EPA air quality standards.

Zachry Group was the contract partner on the project, managing a team that at its peak included more than 1,600 employees and 140 engineers and designers.

EMPLOYEE PROFILE:  
MEET CHUCK HORINE

How long have you worked at LG&E and KU?  
I have worked for LG&E and KU for nine years.

What other facilities have you worked at aside from the Mill Creek plant?  
I have served eight years at Mill Creek and one year in Generation Engineering, which is a part of Generation Services.

What do you like best/enjoy most about working at LG&E and KU?  
I enjoy being a part of and contributing to one of the country’s most reliable and low-cost energy providers. This is an engineer’s playground in that it covers all disciplines of engineering.

Is there something about you/your job or career that people may be surprised to learn about you?  
I believe the versatility of my job would surprise most people. Although my primary responsibilities are within combustion performance, I am exposed to other processes and equipment of the plant – condensers, cooling towers and material handling. Essentially, every day presents a new challenge. Lastly, people would be amazed at the various processes involved to produce clean electricity; it’s as if we are a chemical plant with a byproduct of electricity.

Do you have any interests/hobbies you pursue outside of work?  
Hobbies include playing guitar, golfing and working on the family farm.

THE POWER OF CONVERSATION

If you have any questions or would like to recommend a future topic, please email us at neighbor2neighbor@lge-ku.com, or complete this feedback form and mail it back to us at the address below. You can also visit lge-ku.com/neighbor2neighbor for more information on construction projects taking place at the Mill Creek Generating Station and our other facilities.

My name _________________________________________________ My email __________________________________________________

My neighborhood _________________________________________ My phone (optional)  ________________________________________

MY THOUGHTS / IDEAS _____________________________________________________________________________________________________________________________
_____________________________________________________________________________________________________________________________________________________________
_____________________________________________________________________________________________________________________________________________________________

Thank you! Please mail this form to:  
Neighbor to Neighbor, Louisville Gas and Electric Company, 220 West Main Street, 11th Floor, Louisville, KY 40202  
or email neighbor2neighbor@lge-ku.com