

LET'S TALK

Email Us:
neighbor2neighbor@lge-ku.com

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Please enjoy this edition of our E.W. Brown *Neighbor to Neighbor* newsletter, KU's way of keeping you informed of our activities and updated on major projects in your community.

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Case No. 2023-00361

Attachment to Response to PSC-2 Question No. 28

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SPRING 2024

NEIGHBOR TO NEIGHBOR



SPRING HAS RETURNED TO THE SOLAR FIELD.

KEEPING YOU IN THE E.W. BROWN ENERGY LOOP

DEAR E.W. BROWN NEIGHBOR,

As always, there is a good deal to report from E.W. Brown. The winter was relatively mild, except for bouts of snow and frigid temperatures in January that spiked energy demands. Our employees did their parts to support customers' electricity needs by managing operations inside and outside, where they braved the weather to ensure equipment exposed to the elements worked without issue.

Summer is around the corner, and we're already prepping for the increased electricity demand high temperatures will bring. We also will bring Herrington Lake back to the seasonal pool. As the lake rises, remember to remove debris and tree limbs to ensure safe recreational activities.

The solar sheep are back, and so are some interesting new research projects at the on-site Renewable Integration

Research Facility. As a result of the Public Service Commission's Certificate of Public Convenience and Necessity ruling last November, soon we will start construction on a utility-scale battery-storage unit to be located on the E.W. Brown site and more solar generation in nearby communities.

Read about these topics and featured employee Robert Slone in this issue of *Neighbor to Neighbor*. Feel free to share questions or comments with me via email at neighbor2neighbor@lge-ku.com or the form below.

Sincerely,

Greg Wilson
Plant Manager, E.W. Brown Generating Station

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.

MY NAME _____ MY EMAIL _____

MY NEIGHBORHOOD _____ MY PHONE (OPTIONAL) _____

MY THOUGHTS/IDEAS _____

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

Report a power outage by texting **OUTAGE** to **4LGEKU (454358)**. Visit lge-ku.com/text to learn more.

WE'VE GOT NEWS FOR YOU :

NEW RESEARCH PROJECTS COME TO E.W. BROWN



The Renewable Integration Research Facility located at E.W. Brown is home to Kentucky's largest lithium-ion battery-storage system, the solar array and the solar

sheep. The company's Research and Development team has recently added these new projects to the site:

- Two multi-axis solar panels that follow the sun as it moves across the sky. The state-of-the-art solar trackers absorb 21% more sunlight and produce 25% more electricity than the solar array's traditional stationary panels. The new panels also will provide valuable data on optimizing solar generation and much more.
- Four new electric vehicle charging stations – two of which are solar-powered. Those also are equipped with batteries to store electricity, enabling charging at night and during inclement weather and power outages. R&D team members use the charging stations to support the EVs they use for on-site work.
- A 165-foot-tall wind turbine. Data collected from the turbine will help determine the potential for wind to be a renewable energy source in Kentucky, which is not considered a "windy state." The inner region of Mercer County, however, is one of the commonwealth's windier areas, making E.W. Brown a prime research site.



NEW RENEWABLE RESOURCES ON THE WAY

Soon we will add new renewable energy resources to E.W. Brown's growing portfolio of clean-energy projects. They include a 120-megawatt solar array in Mercer County, acquisition of a 120-megawatt solar field in Marion County and development of a 500-megawatt-hour battery-storage unit on the existing E.W. Brown property. E.W. Brown employees will maintain the solar arrays and battery-storage unit when completed as they do for the ones on site and at the Solar Share project in Simpsonville.

These new opportunities follow the Kentucky Public Service Commission's approval of certain aspects of the company's Certificate of Public Convenience and Necessity last November. It requested new generating projects and energy-efficiency programs. The CPCN also enables Brown to continue operating coal-fired Unit 3 and approved a state-of-the-art natural-gas-fired unit at LG&E and KU's Mill Creek generating station and 14 new energy-efficiency offerings for customers.

PROUD TO SUPPORT THE HERRINGTON LAKE CONSERVATION LEAGUE

E.W. Brown has been a partner with the Herrington Lake Conservation League since its inception in 2001. We're proud to support its mission to preserve the natural beauty, environmental health and safety of the lake. Our winter lake drawdown promotes the survival of aquatic life and provides an opportunity to clean up debris. During heavy precipitation, we open spill gates to curtail damaging high water on the lake. And, of course, we partner with the league on the annual lake cleanup, which will be Saturday, June 1. Please join us that day to remove debris from the shoreline and water. You can also support the Herrington Lake Conservation League by joining at hlcl.org/join.



EMPLOYEE PROFILE

MEET ROBERT SLONE



What is your job title and primary responsibility?

I'm an electrical and instrument lead technician. I oversee day-to-day electrical equipment repair and all associated systems at E.W. Brown.

How long have you worked at the plant/for LG&E and KU?

14 years.

What do you like best about what you do?

I get to work with others to solve problems at the plant. Also, there is the satisfaction of keeping things running to provide reliable power to our customers.

Is there something interesting about your job that people do not know?

At our plant, we now have multiple sources of power generation, including coal, hydro, natural gas turbines, solar and now a small wind turbine.

Do you have any interests/hobbies outside work?

I enjoy camping, boating and spending time with my family and friends.

What was the last book you read?

Through My Eyes by Tim Tebow.

What's your favorite food?

Seafood. Mainly shrimp and scallops.

What's the first thing on your bucket list?

To travel with my wife around the country after retirement.

When you were younger, what did you want to be when you grew up?

A helicopter pilot.

What would you do if you won the lottery?

Buy a house on Lake Cumberland to enjoy with my family and friends. I'd also pay off all my family's bills.

Name someone living or dead with whom you'd like to spend the day.

I would love to spend the day with my father.

Is there anything else about yourself you want to share?

I have the sweetest granddaughter who makes my day every time I get to see her. And I just found out that I am having another one, so I am very excited.