BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI

NOTICE OF COMMUNICATION

COMES NOW Kansas City Power & Light Company and KCP&L Greater Missouri Operations Company ("KCP&L") and for its Notice of Extra-Record Communication states as follows:

On December 21, 2017, Matthew Dority (Director - Regulatory Affairs, KCP&L) sent the attached email and attachments to Alexander Antal as a follow-up to the previously noticed December 18, 2017 meeting with Commissioner Rupp at Cedar Point Safety & Training Center.

Respectfully submitted,

|s| Robert J. Hack

Robert J. Hack, MBN 36496 Phone: (816) 556-2791 E-mail: rob.hack@kcpl.com Roger W. Steiner, MBN 39586 Phone: (816) 556-2314 E-mail: roger.steiner@kcpl.com Kansas City Power & Light Company 1200 Main – 19th Floor Kansas City, Missouri 64105 Fax: (816) 556-2110

ATTORNEYS FOR KANSAS CITY POWER & LIGHT COMPANY

CERTIFICATE OF SERVICE

The undersigned certified that a true and correct copy of the foregoing document was sent by electronic transmission, facsimile, U.S. Mail or e-mail to all parties of record in all of its contested cases pending before the Missouri Public Service Commission on this 21st day of December, 2017.

Isl Robert J. Hack Robert J. Hack

Anthony Westenkirchner

From:	Matthew Dority
Sent:	Thursday, December 21, 2017 11:58 AM
То:	Antal, Alexander
Cc:	Matthew Dority
Subject:	Follow-up from December 18 Meeting with KCP&L
Attachments:	HER V2 Mockup.pdf; KCPL eHER Sample.png; IEMF Example Energy Report Co-Branded.pdf; ESK
	Example Report - CoBranded.pdf

Alex –

Thanks again for taking the time to come to Kansas City and visit with us on Monday. As follow-up to Commissioner Rupp's interest in seeing a few examples of reports mentioned during the MEEIA program overview, attached are samples of reports that we provide to customers for the Home Energy Report (Opower), Income Eligible walkthrough assessment repot (IEMF), and Energy Savings Kit (ESK, Home Energy Audit). We have also attached a PNG image of the eHER (online home energy report) report.

Happy holidays!

Matt



Home Energy Report July 21, 2013 Account number 1000001

We've put together this report to help you learn how to use less energy and save money on your monthly electric bill.

Find a list of rebates and energy-saving products and services you can buy.

kcpl.com/moreways

Great

Good

38[%] more electricity

than efficient neighbors

Here's how you compare to neighbors



Jun 20, 2013 - Jul 21, 2013

This is based on 10 similar homes. Efficient neighbors are the 20% who use the least amount of electricity. See back for details.

Neighbor comparison over time



Tips from efficient neighbors



Lorem ipsum dolor sit amet

In the last 6 months, you used more than your neighbors.

Using more than average



Lorem ipsum dolor sit amet



Track your progress



Save more this winter



It's easy to see if you qualify for free upgrades

With KCP&L's Income-Eligible Weatherization program, you can receive a free home energy audit and home improvements, including insulation, caulking windows, repairing or replacing HVAC systems and much more.



Frequently asked questions

What's a kWh?

A kilowatt hour (kWh) is a way to measure electricity use. A 100-watt lightbulb uses 1 kWh every 10 hours.

Why does KCP&L send these reports?

When customers save energy, we get closer to meeting our energy efficiency goals. It's good for everyone.

How is my "neighbor comparison over time" calculated?

The dollar amount is an estimate that is calculated based on a utilitywide rate price. Based on this value, we can estimate how much extra money you are saving or spending over six months.

How can I make sure my report is accurate?

Visit kcpl.com/myhome and complete the What Uses Most survey within the Energy Analyzer tab to provide us the most up-to-date information about your home.

How can I update how I receive my report?

- kcpl.com/reports
- HomeEnergyReport@kcpl.com
- (855) 444-7591

Find more energy saving purchases

kcpl.com/moreways



Participants in the KCP&L Energy Report program consist of a random sampling of residential customers who live within the KCP&L Missouri and KCP&L GMO territory. Annual cost savings (if stated) may vary. You can opt out of this program at any time.

Printed on 10% post-consumer recycled paper using water-based inks.

OP WER

Hi Jane Doe, your Home Energy Report is here

1 message

Content UI <control-interface-eng@opower.com> To: laura.hlebasko@opower.com Thu, Feb 25, 2016 at 2:44 PM



Acct # ***0001

Welcome to Home Energy Reports

Congratulations! You're about to join 240,000 KCPL customers who are lowering their energy use—and their bills—with Home Energy Reports.

You'll see how your current use compares to homes like yours, find ways to save more, and track your savings progress over time.

You used about the same amount as your efficient neighbors.





Jun 10, 2013 - Jun 13, 2013

This comparison is based on approx. 90 nearby homes that are most similar to yours.

Learn more.

Ways to Save



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SEE MORE WAYS TO SAVE

Unsubscribe from these emails

Manage preferences

1200 Main Street, Kansas City, MO 64105

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Building Description

Number of Stories:	3
Number of Apartments:	70
Conditioned Floor Area (sq. ft.):	79,000
Year Built:	2000

Prepared for	Operated by
Example	Jane Doe
12345 E Main Street	12345 E Main Street
Kansas City, MO, 64136	Kansas City , MO, 64136

Prepared by

KCP&L Energy Savings Team

December 11th, 2017

ENERGY ASSESSMENT REPORT

r KCPSL spire (

Thank you for participating in the Energy Savings Program!

To identify additional opportunities for improved energy performance, an Energy Efficiency Walk-Through Assessment of your property was conducted by the KCP&L Energy Savings team on November 29th to December 8th, 2017. The following pages contain a summary of our observations and suggestions for future actions that can help reduce your property's energy consumption.

Please contact us if you have any questions about your report.

Energy Savings Team Lead

Nicholas Newport 816-772-1001

The following energy efficient products were directly installed on a prior visit.

VALUE OF ENERGY EFFICIENT PRODUCTS INSTALLED

L

Product installed	Quantity	Annual Energy Savings (kWh)	Annual Energy Savings (Therm)	Annual Cost Savings (\$)
Common area lighting	15	2,355	N/A	353
Apartment lighting	1,613	50,003	N/A	5,000
Showerheads	81	N/A	1,139	717
Faucet aerators	77	N/A	254	160
Advanced powerstrips	5	375	N/A	40
	Common area lighting Apartment lighting Showerheads Faucet aerators	Common area lighting15Apartment lighting1,613Showerheads81Faucet aerators77	Product installedQuantityEnergy Savings (kWh)Common area lighting152,355Apartment lighting1,61350,003Showerheads81N/AFaucet aerators77N/A	Product installedQuantityEnergy Savings (kWh)Energy Savings (Therm)Common area lighting152,355N/AApartment lighting1,61350,003N/AShowerheads81N/A1,139Faucet aerators77N/A254

ENERGY ASSESSMENT REPORT



CURRENT ENERGY CONSUMPTION PROFILE

The following graphs show your property's estimated energy consumption broken down by end use.

Estimated Electricity Bill Breakdown for Typical Apartment

Average Annual Electricity Consumption 13,420 kWh





ENERGY EFFICIENCY RECOMMENDATIONS

The following table summarizes the energy efficiency improvements we recommend for your property, along with their projected savings. More detailed recommendations are provided in the following sections.

	Category	Proposed measure	Annual Savings	Custom Rebate
	HVAC	Opt for high-efficiency units when replacing existing A/C's.	Up to \$120 per unit	Up to \$350 per unit
	Air Sealing	Reduce air infiltration into conditioned spaces	Up to \$36 per unit	Up to \$50 per unit
	Lighting	Replace common area lighting with newer LEDs	\$0.28/kWh saved	Variable
	Appliances	Replace appliances with ENERGY STAR [®] certified models	Up to \$20 per unit	Variable
E	Natural Gas	Replace Furnace and DHW w/ Energy Star Certified Models	10-30% Natural Gas Cost	Variable



HVAC REPLACEMENT



Existing HVAC System: 18 year old, 1.5-4 ton, 10 SEER Central A/C with 80% Natural Gas Furnaces.

Next time you replace an A/C unit, consider investing in a high efficiency, 15 SEER or greater, model. Buying high-efficiency air conditioners is initially more expensive, but comes with savings on your electricity bill. You can identify the efficiency of cooling equipment using their Seasonal Energy Efficiency Rating (SEER).



Replacing to high efficiency A/C units offer a number of benefits.Today's highefficiency units can save 20-40% on cooling costs, which translates to less money you spend on energy bills.

In addition to running less efficiently than a new model, an older AC unit can break down more often. By replacing your AC to a high efficiency model you can cut energy costs and also reduce maintenance and repairs. High-efficiency air conditioners also impove air quality. This not only help keep the air at the preferred temperature, but can more effectively remove moisture from the air, reducing mold and other airborne issues.

KCP&L offers incentives to replace HVAC systems at \$0.28/kWh or about \$350.00/unit



AIR SEALING

Existing air sealing level: Normal

Infiltration of external air into conditioned spaces forces the HVAC systems to work longer and harder to maintain the required temperature and can cause significant occupant discomfort. On the other hand, buildings that are too airtight can have problems with indoor air quality or other health and safety issues, especially if one or more combustion appliances are present, such as a fireplace or gas oven. In walking through the property, we observed several places in the building where air can infiltrate. To reduce infiltration, it is important to tighten the existing building by sealing all air leaks in the windows, doors, walls and roofs.

The following graph shows the projected annual energy savings by reducing air infiltration in your common area.





Annual savings (\$) for different levels of air sealing improvement



KCP&L can offset a portion of the costs of air sealing at \$0.28/kWh or about \$50/unit.





LIGHTING

Existing lighting: Mostly 32W, 4FT, T8 Fluorescents

In walking through your property, we observed that the kitchen lighting (T8 & T12 Fluorescents) would benefit from an upgrade to more efficient light bulbs. LED bulbs are more energy efficient and have a long useful life (20 years). The following table shows how much can be saved annually for each LED bulb installed



ENERGY ASSESSMENT REPORT

ENERGY STAR APPLIANCES

KCP&L spire (

Existing appliances: Mostly non-ENERGY STAR certified After conducting the walk through energy survey on this property, we noticed that most appliances are not ENERGY STAR certified. Equipment bearing the ENERGY STAR label can include clothes washers, dishwashers, air conditioners and refrigerators. When purchasing new equipment, the savings from the more expensive energy-efficient models will usually pay for the additional cost within a reasonable payback period. On average, ENERGY STAR certified equipment is 20 to 30% more efficient than standard equipment.

Annual Savings per Appliance



up to \$20

15 cu. ft. ENERGY STAR refrigerator vs. Standard efficiency refrigerator



up to \$40

ENERGY STAR clothes washer vs. Standard efficiency clothes washer



50-gallon tank with ENERGY STAR heat pump water heater vs. Standard efficiency electric water heater



KCP&L offers incentives to replace appliances at \$0.28/kWh saved.



NATURAL GAS UPGRADES

✓ Gas-saving measures

Thanks to a partnership between KCP&L and Spire, residential and commercial customers may receive additional rebates for qualifying natural gas equipment.

Making your property warm and comfortable for your residents is one of your top priorities. Replacing existing 80% AFUE gas furnaces with energy efficient systems can cut utility costs and improve home comfort. Spire offers a rebate for gas fueled heating systems and components at up to \$300.

Visit <u>https://www.spireenergy.com</u> to review rebate offers and find more ways to save.

✓ Programmable Thermostats

A programmable thermostat puts you in control of your heating and cooling. It helps you use energy more efficiently and lower your utility bills. Lowering your thermostat by 7° to 10°F for eight hours a day when you're away from your home can save up to 10% on your bill. A programmable thermostat can do this automatically.

Spire offers rebates for programmable thermostats at 50% of the equipment cost.





Prepared for: Example 1234 Main Street Kansas City, MO 64112 Prepared on: 12/8/2017

Home Attributes:

Size: 2700 Ft Age: pre-1940 Type: Single Family Home Heating: Natural Gas Cooling: Whole House Hot Water: Natural Gas

YOUR HOME'S CURRENT ELECTRIC USAGE



Your home's electric use is:

KCP&L compares your historic energy use to other KCP&L customers with similar characteristics to determine if you're using more or less than the average. Your home uses MORE electricity than the average KCP&L customer's home. **NOTE: Summary results may vary from other electric usage models.

7% MORE

than the average similar home

VALUE OF ENERGY EFFICIENCY PRODUCTS INSTALLED TODAY

	Product Installed (Electric Customer)	Quantity	Estimated Annual Savings	Estimated Lifetime Savings
2	Sath Aerators	1	\$2	\$15
e	📀 High-Efficiency Lighting	23	\$83	\$1662
5	📀 Power Strips	1	\$7	\$35

Electricity (kWh)

0

\$1712 Lifetime Savings Potential

from products installed today!

ENERGY SAVINGS KIT SUMMARY







KCP&L and Spire Home Energy Savings	Insulation and Air Sealing Rebate	Heating and Cooling Rebate	LED Discount	Gas Rebat
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- diagnostic home energy audit is the best tool to properly determine the worst offenders in your home's energy loss and maintain a healthy home. The comprehensive energy audit can provide a clear energy picture and will ensure energy conservation upgrades do not negatively impact health and safety. You've taken an important first step in saving energy by receiving your KCP&L Energy Savings Kit. Take the next step and contact an authorized contractor to schedule your comprehensive energy audit and participate in KCP&L's Insulation and Air Sealing Rebate.
- Attic insulation is one of the most cost-effective ways to save money on energy costs and improve comfort in your home. The U.S. Department of Energy recommends R-38, which is approximately 12 to 14 inches, depending on the type of insulation. Take the next step and locate an authorized contractor to schedule your comprehensive energy audit and participate in KCP&L's Insulation and Air Sealing Rebate.
- Replace older inefficient windows, or windows with broken seals, with new ENERGY STAR® certified windows.
- Weather-stripping and caulking around windows and doors is an effective and inexpensive way to reduce air infiltration. Take the next step and locate an authorized contractor to schedule your comprehensive energy audit and participate in KCP&L's Insulation and Air Sealing Rebate.
- Installing insulated wall plate inserts in your electrical outlets helps prevent air from leaking into or out of your home. Take the next step and locate an authorized contractor to schedule your comprehensive energy audit and participate in KCP&L's Insulation and Air Sealing Rebate.
- Seal all open cavities underneath the vanities and sinks, including plumbing lines and electrical wiring. Take the next step and locate an authorized contractor to schedule your comprehensive energy audit and participate in KCP&L's Insulation and Air Sealing Rebate.
- Seal and insulate any attic accesses with 8 to 10 inches of foam board. This will help make your home more comfortable
 and help you save on heating and cooling costs. Take the next step and locate an authorized contractor to schedule your
 comprehensive energy audit and participate in KCP&L's Insulation and Air Sealing Rebate.
- Seal penetrations where pipes, electrical wires, vents and ducts enter your home. Pay special attention to penetrations into
 the attic. Take the next step and locate an authorized contractor to schedule your comprehensive energy audit and
 participate in KCP&L's Insulation and Air Sealing Rebate.
- Save more with rebates from Spire: KCP&L's Insulation & Air Sealing Rebate is doubled when you are a Spire customer!

Heating, Ventilation and Air Conditioning (HVAC)

- Applying mastic or aluminum foil tape to the seams of the ductwork helps conditioned air reach its intended destination. This keeps conditioned air from leaking through seams and into walls, attics and crawlspaces.
- Save more with rebates from Spire: Consider replacing your older inefficient water heater with high efficiency storage (0.67 EF) or high efficiency tankless (0.82 EF) water heaters. Start by visiting SaveWithNaturalGas.com.

General Energy Efficiency

• Participating in the Insulation and Air Sealing Rebate? Ask your authorized contractor about Missouri's Home Energy Audit Tax Deduction. You could be eligible for up to \$2,000 in state tax deductions.

ENERGY SAVINGS KIT SUMMARY



TERMS AND CONDITIONS

PROGRAM OVERVIEW: Energy Savings Kit (the "Energy Savings Kit"), offered by Kansas City Power and Light Company ("KCP&L"), provides a walkthrough assessment of the home of a KCP&L customer (the "Customer") by a home Energy Efficiency Professional (the "Energy Efficiency Professional") from ICF (the "Implementer") and a selection of energy saving measures that may be installed by the Energy Efficiency Professional at the time of the home visit.

SUMMARY REPORT: Customers who participate in the Energy Savings Kit will receive a summary report (the "Summary Report") from the Energy Efficiency Professional either at the time of the home visit or thereafter via mail or email. The Summary Report will serve as the minimum deliverable of the Energy Savings Kit and will provide the Customer with a record of the Energy Efficiency Professional's findings, a review of energy saving measures installed and additional recommendations related to energy efficiency. KCP&L will not be responsible for any lost documentation pertaining to the Energy Savings Kit or the Summary Report.

ELIGIBILITY: Funds for the Energy Savings Kit are limited and are available to customers in the KCP&L – MO and KCP&L – GMO territories on a firstcome, firstserved basis. To be eligible to participate in the Energy Savings Kit, the Customer must receive service under any generally available residential rate schedule offered by KCP&L, and the Customer's account must be active and current. Customers are eligible for one Energy Savings Kit per KCP&L account.

APPROVAL AND VERIFICATION: KCP&L reserves the right to verify the delivery of Energy Savings Kit services and to have reasonable access to the Customer's residence to inspect the energy efficiency measures installed under the Energy Savings Kit.

TAX LIABILITY: KCP&L will not be responsible for any tax liability that may be imposed on the Customer as a result of the delivery and installation of the Energy Savings Kit. Please contact your tax advisor for more information.

NO ENDORSEMENT: KCP&L does not endorse any particular manufacturer, product, system design or service in promoting the Energy Savings Kit.

INFORMATION RELEASE: Customer agrees that KCP&L may include the Customer's name, address, KCP&L account number, the services performed under the Energy Savings Kit for the Customer and resulting energy savings to the Customer in a database hosted by the Implementer, and such information may be included in reports or other documentation submitted to the Implementer and/or the Missouri Public Service Commission. KCP&L will treat such information as confidential and report such information only in the aggregate. LIMITATION OF LIABILITY: NOTWITHSTANDING ANYTHING TO THE CONTRARY HEREIN AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, CUSTOMER AGREES THAT REGARDLESS OF THE LEGAL THEORY ASSERTED (INCLUDING BUT NOT LIMITED TO BREACH OF CONTRACT, WARRANTY, NEGLIGENCE OR TORT), KCP&L'S LIABILITY UNDER THE ENERGY SAVINGS KIT TO CUSTOMER, OR ANY PARTY ASSERTING CLAIMS ON BEHALF OF OR IN THE NAME OF CUSTOMER, WILL NOT EXCEED COLLECTIVELY AND IN THE AGGREGATE, FOR ALL CLAIMS, LIABILITIES, LOSSES, DAMAGES OR EXPENSES, THE VALUE OF THE ASSESSMENT PERFORMED BY KCP&L FOR CUSTOMER DURING THE FIRST YEAR OF THE ENERGY SAVINGS KIT. FURTHER, IN NO EVENT WILL KCP&L BE LIABLE, WHETHER IN CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY, WARRANTY OR OTHERWISE, FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES CONNECTED WITH OR RESULTING FROM THE ENERGY SAVINGS KIT.

WARRANTIES: KCP&L DOES NOT WARRANT THE PROPER COMPLETION OF WORK OR PERFORMANCE OF INSTALLED PRODUCTS, EXPRESSLY OR IMPLICITLY, KCP&L MAKES NO WARRANTIES OF ANY KIND, WHETHER STATUTORY, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATIONS, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE REGARDING CFL OR LED LIGHT BULBS, EFFICIENT FLOW SHOWERHEADS, FAUCET AERATORS, SMART POWER STRIPS OR PIPE INSULATION. KCP&L MAKES NO GUARANTEE OF ENERGY SAVING RESULTS BY RECEIVING THE ENERGY SAVINGS KIT AND DIRECT MEASURE INSTALLATION. THE ENERGY ANALYST SHALL BE RESPONSIBLE FOR DELIVERING DETAILS REGARDING WARRANTIES (IF ANY) FOR PRODUCTS INSTALLED PURSUANT TO THE ENERGY SAVINGS KIT.

PROPERTY RIGHTS: Customer represents that he/she has the right to complete and/or install the energy saving measures under the Energy Savings Kit on the property on which those measures are completed and/or installed, and that any required consents from landlords, tenants, etc., to permit the Energy Savings Kit to be performed on the Customer's property, as the case may be, have been obtained by the Customer.

RENTER'S CERTIFICATION: Customer who rents and does not own the property on which the Energy Savings Kit will be performed hereby certifies that he/she has received consent from the landlord or homeowner for receipt of the Energy Savings Kit and associated direct installation measures. To the extent that the Customer has not received proper consent from the landlord or homeowner, as applicable, under the terms of this provision, the Customer agrees to indemnify, defend and hold harmless KCP&L from any claims, losses, damages, liabilities or expenses incurred by KCP&L as a result of the Customer's failure to obtain such consent.

RIGHT TO REFUSE: The Energy Efficiency Professional has the right to refuse service or end the Energy Savings Kit delivery when confronted by a Customer acting inappropriately or when facing an unsafe situation in the sole discretion of the Energy Efficiency Professional. "Inappropriate" includes, but is not limited to, the following: unreasonable demands for service, personally threatening or offensive language, threatening or erratic behavior and inappropriate personal conduct in the Energy Efficiency Professional's discretion. The Energy Efficiency Professional reserves the right to exclude any premises, or vicinity therein, deemed by the Energy Efficiency Professional to be potentially unsafe or harmful.

USE OF EMAIL ADDRESS: Customer acknowledges and agrees that KCP&L or its Implementer may contact the Customer via email in connection with the Energy Savings Kit.

Customer (print name): JAMES GREENE	Contractor (print name): Brian Lunceford	
Customer Signature: Date: 12/	3/2017 Contractor Signature:	Date: 12/8/2017

START SAVING!

Call 888-872-6803 or visit kcpl.com/EnergyOffers to learn about KCP&L Home Energy Savings.