



**Work Session Agenda**  
**BOARD OF ALDERMEN**  
**CITY OF PARKVILLE, MISSOURI**  
September 20, 2016; 5:30 p.m.  
City Hall Boardroom

**1. GENERAL AGENDA**

- A. Receive a report from Kansas City Power & Light (KCP&L) regarding mitigation strategies for recurring power outages in Parkville

## **CITY OF PARKVILLE** **Policy Report**

Date: Wednesday, September 14, 2016

Prepared By:  
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City Administrator

Reviewed By:  
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Assistant to the City Administrator

ISSUE:

Receive a report from Kansas City Power & Light (KCP&L) regarding mitigation strategies for recurring power outages in Parkville.

BACKGROUND:

On August 5, 2016, Mayor Nan Johnston and City Administrator Lauren Palmer met with representatives from KCP&L to discuss community complaints regarding frequent electrical power outages. The primary area affected is southern Riss Lake, but outages have also affected areas along Route 9 including Parkville Commons, downtown Parkville, Park University, and the Bluffs neighborhood. Attachment 1 includes a summary of the outages affecting southern Riss Lake through August of 2016.

There is no single cause that can be attributed to the recent outages. Impacting factors include equipment failure, high load volumes due to summer heat, and tall trees that closely parallel the main feeder cable that runs along Route 9 and through the Parkville Nature Sanctuary to the property line between Riss Lake and Park University. When tree debris cause damage along the section of the line through the Parkville Nature Sanctuary, access for repairs is very difficult often resulting in extended outages. City officials advocated for long-term solutions due to the fact that Riss Lake homes are served by grinder pumps which result in limited water use during electrical outages. In addition, the South Platte County Community Center YMCA is a designated cooling center during high heat periods and is therefore a priority property for power restoration.

Representatives from KCP&L will attend a work session on September 20, 2016, to update the Board of Aldermen and public about efforts to-date and future plans to ensure reliability in the electrical power system. Additional information will be provided regarding the following:

- KCP&L has enhanced its tree and vegetation maintenance along the entire main feeder circuit serving south Riss Lake. A spot sweep of the line was recently performed and a full trim of the line is scheduled in January 2017.
- KCP&L has a project in the design phase through its Lateral Improvements Program to improve service in the Bluffs neighborhood.
- Funding has been approved for extending a redundant line from the circuit north of Route 45 generally along Klamm Road to connect to southern Riss Lake. This project is under design and will be ready for construction in 2017.
- Representatives of KCP&L met on-site with city officials to evaluate options to improve maintenance access through the Parkville Nature Sanctuary and along Park University property. Extending a new access road was deemed to be infeasible due to steep terrain and multiple creeks flowing through the area. Missouri Department of Conservation (MDC) officials separately visited the site and expressed concern with a new access road due to potential impacts to the White Alloe Creek conservation area. However, Park University President Greg Gunderson agreed to allow KCP&L to gain access through university property to make needed repairs to the lines when necessary.

**BUDGET IMPACT:**

There is no budget impact associated with this action.

**ALTERNATIVES:**

1. Receive a report from KCP&L regarding mitigation strategies for recurring power outages in Parkville.
2. Postpone the item.

**STAFF RECOMMENDATION:**

Staff recommends that the Board receive a report from KCP&L regarding mitigation strategies for recurring power outages in Parkville. Although this is a non-action item, staff recommends accepting public comment in accordance with the Board of Aldermen Rules of Order to document the public impact of this issue for any necessary follow-up with KCP&L.

**POLICY:**

The Board of Aldermen Rules of Order (Resolution No. 11-01-15) states that the Board may conduct informal work sessions to address and discuss issues before taking formal action. Work sessions are for discussion and general direction only and no actions are taken. Public comment is ordinarily accepted on action items, but the Board has discretion to allow it at other times. The mayor may limit the total time devoted to public comment and/or limit individual speakers to three minutes each.

**SUGGESTED MOTION:**

Since this is a work session, no motion is necessary.

**ATTACHMENTS:**

1. Southern Riss Lake 6-Month Outage Summary
2. Weatherby Substation Electrical Feeder Lines  
*Note: roads are shown in yellow.*

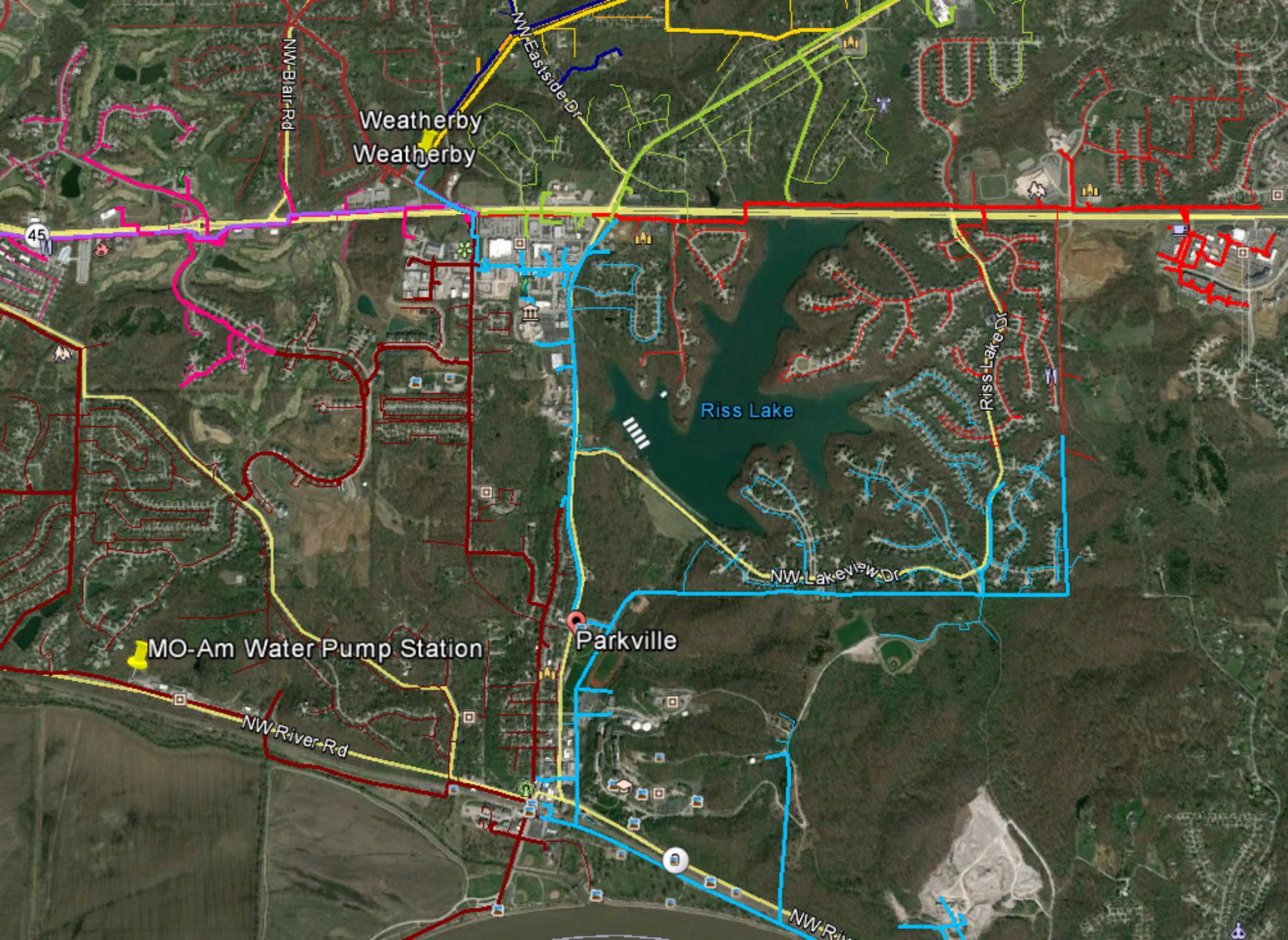
# Southern Riss Lake, Parkville, MO

Circuits feeding into area of concern 4952

6 Month History from OMS

Date	Time	Storm	Cause
08/31/2016	2:40 - 11:20		Tree on back bone
08/13/2016	17:33 - 17:44		Bad Order Switchgear
07/19/2016	14:59 - 16:30		Feeder Cable Fault
07/12/2016	07:52 - 12:45	Class 2	Tree on back bone
07/07/2016	05:29 - 11:40	Class 3	Feeder Cable Fault
05/25/2016	04:41 - 06:14	Class 2	Tree on back bone
04/28/2016	14:13 - 15:10		Burnt up AØ switch at TP.
02/02/2016	04:06 - 05:54	Class 1	600Amp Enclosure Bad order.

Distribution storm classifications for storms:	
N/A	Less than 5,000 customer affected
Class 1	5,000 up to 8,000 customers affected
Class 2	8,000 up to 24,000 customers affected
Class 3	24,000 up to 80,000 customers affected
Class 4	80,000+ customers affected



Weatherby  
Weatherby

Riss Lake

MO-Am Water Pump Station

Parkville

NW Blair Rd

NW Eastside Dr

Riss Lake Dr

NW Lakeview Dr

NW River Rd

NW River Rd

45