

KCP&L KS  
July 21, 2019  
Significant Event

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This report has been prepared and is being submitted to comply with the Electric Reliability Requirements section 3, part N and section 6, part B of Docket 02-GIME-365-GIE.

Beginning on Wednesday, July 21 at approximately 1:00AM, extreme wind and lightning in the service area caused numerous outages in the KS territory of KCP&L. Most of the outages occurred in areas surrounding Johnson County.

The peak number of customers without power occurred within the 3:00AM hour of July 21 and totaled approximately 8,000 customers. These accumulated outages have been classified as a “Significant Event”, having over 10,000 retail customers with sustained service interruptions in a 24 hour period.

Approximately 10,000 interrupted customers had been restored before 8:00 PM on July 21.

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Communities & Cities affected during this event period:

City/Community	City/Community
ARKANSAS CITY	MISSION HILLS
BALDWIN	MISSION WOODS
BALDWIN CITY	OLATHE
BASEHOR	OTTAWA
BONNER SPRINGS	OVERBROOK
EDWARDSVILLE	OVERLAND PARK
EUDORA	PAOLA
FAIRWAY	POMONA
KANSAS CITY	PRAIRIE VILLAGE
LAWRENCE	SEDGWICK
LEAWOOD	SHAWNEE
LENEXA	SHAWNEE MISSION
LOUISBURG	WELLSVILLE
MERRIAM	WESTWOOD
MISSION	WICHITA

Circuits affected during this event:

Circuit Number	Customers Affected
1	6
11522	3
12111	8
12521	145
1263	107
1331	7
2233	20
4	236
4131	18
46101	2457
4713	11
4752	1
5022	7
5031	1
5041	24
5052	1617

Circuit Number	Customers Affected
5071	35
5073	973
647	1
6614	39
6831	5
6833	20
6854	1082
7321	5
81707	2457
9011	10
9111	68
9114	1641
9131	15
9141	2
9342	1
9362	4

## Root Causes and Equipment Failure:

Facility	Customer Interruptions	Events
Feeder	8646	8
Lateral	2351	34
Secondary & Service	29	7
Total	11026	49

Type of Damage	Customer Interruptions	Events
Blown Fuse	79	2
Failed Cables and Wires	2282	10
Failed Pole	6714	6
All Others	1951	31
Total	11026	49

## Restoration Progress:

