

Evergy Kansas Central
June 6th, 2025 - June 7th, 2025
Significant Event

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 Friday, June 6th at approximately 1:00 AM, storms in the service area caused numerous interruptions in Evergy Kansas Central. Most of the interruptions occurred in areas surrounding Wichita, Arkansas City, Cottonwood Falls and Olathe.

The peak number of customers without power occurred within the 4:00 AM hour of June 6th and totaled approximately 7,554 customers. These accumulated interruptions have been classified as an IEEE Major Event Day. In total for this event, 12,321 customers experienced sustained service interruptions.

Approximately 12,100 interrupted customers had been restored before 12:00 AM on June 8th.

Communities & Cities affected during the is event period

City or Community Affected
Americus
Arkansas City
Augusta
Basehor
Belle Plaine
Bonner Springs
Buhler
Burden
Cedar Point
Cheney
Clearwater
Clements
Cottonwood Falls
De Soto
Derby
Effingham
El Dorado
Elmdale
Emporia
Eureka
Fort Scott
Geuda Springs
Hutchinson
Independence
Lawrence
Le Roy
Leavenworth
Lenexa
Madison
Manhattan
Meriden
Olathe
Olpe
Park City
Parkerfield
Peabody
Saffordville
Salina
Soldier
Strong City
Tonganoxie
Topeka
Udall
Wichita
Winfield

Circuits Affected

Circuit Name	Retail Electric Customers Affected
95WA012026	1,132
WEMP-#1 XFMR	1,111
ARKA012056	1,091
ARKA012006	939
OAK 012004	875
HOOV012012	611
PARI012006	601
21ST012002	501
MASC012004	457
TYLE012008	439
HOOV012022	349
VIST012004	295
MACA012008	276
ZOOS012016	267
WEBB012002	258
ARKA012018	228
ZOOS012014	227
ARKA012002	224
PRLD012004	178
LAWH012024	177
PARI012008	167
WEST012026	129
RIPL012008	92
SUNS012004	90
CANA012028	89
INDE012004	87
MASC012002	87
SPRU012022	73
SHER012004	71
CLWA012002	67
17TH012076	65
OSAG012004	64
CRSL012024	62
HOOV012014	55
BELL012002	50
PARC012002	47
K99 012014	43
ARKA012004	35
HOOV012024	35
MOBI012008	35
17TH012052	32
CRFD012001	30
PARI012004	29
TYLE012004	28
ADA 012002	26
SGAG012012	25
OAK 012002	21
SLDR012002	20
OSAG012002	19
COLI012001	18
FOWL012004	18

Circuit Name	Retail Electric Customers Affected
WREN012012	18
VIST012002	17
HALL012014	14
MOSS012012	14
NORT012006	14
OLPE012016	13
SHER012010	13
GREE012002	12
HOOV012034	12
6TH 012016	11
FABA012012	11
INTE012036	11
MASC012006	10
NORL012012	10
CANA012016	9
JAGG012016	9
VIST012022	9
RIVE012014	8
CRSL012026	7
RIVE012016	7
WHAR012004	7
21ST012004	6
NORT012002	6
SENE012016	6
UDAL012006	6
41CA012006	5
MADI012016	5
166 012026	4
AMER012014	4
EEUR012022	4
EFFJ012001	4
INDE012006	4
TIMB012002	4
TONT012002	4
4VAN012036	3
CITI012032	3
COOK012016	3
LAKE012002	3
MIDI012076	3
WATC012001	3
WILD012002	3
21ST012016	2
41CA012005	2
6GOL012002	2
EFAI012002	2
FORT012022	2
HOOV012032	2
INDA012002	2
INDE012002	2
MAPL012012	2
NORL012005	2
SENE012002	2

Circuit Name	Retail Electric Customers Affected
TYLE012006	2
WEUR012012	2
12CL012017	1
19TH012022	1
27CR012003	1
64TH012052	1
ARNO012022	1
BECR012012	1
BEEC012004	1
BETO012010	1
CANA012008	1
CHES012002	1
COMO012016	1
CSTV012002	1
DEAR012002	1
FORB012024	1
HALS012008	1
INTE012012	1
LIN 012002	1
MAHA012004	1
MCLO012012	1
MONT012006	1
NORL012010	1
PARI012002	1
PAWN012016	1
PENT012012	1
RICH012002	1
SHER012008	1
SWLA012032	1
VAUG012024	1
VIRG012024	1
WEMP012024	1
WMSV012002	1

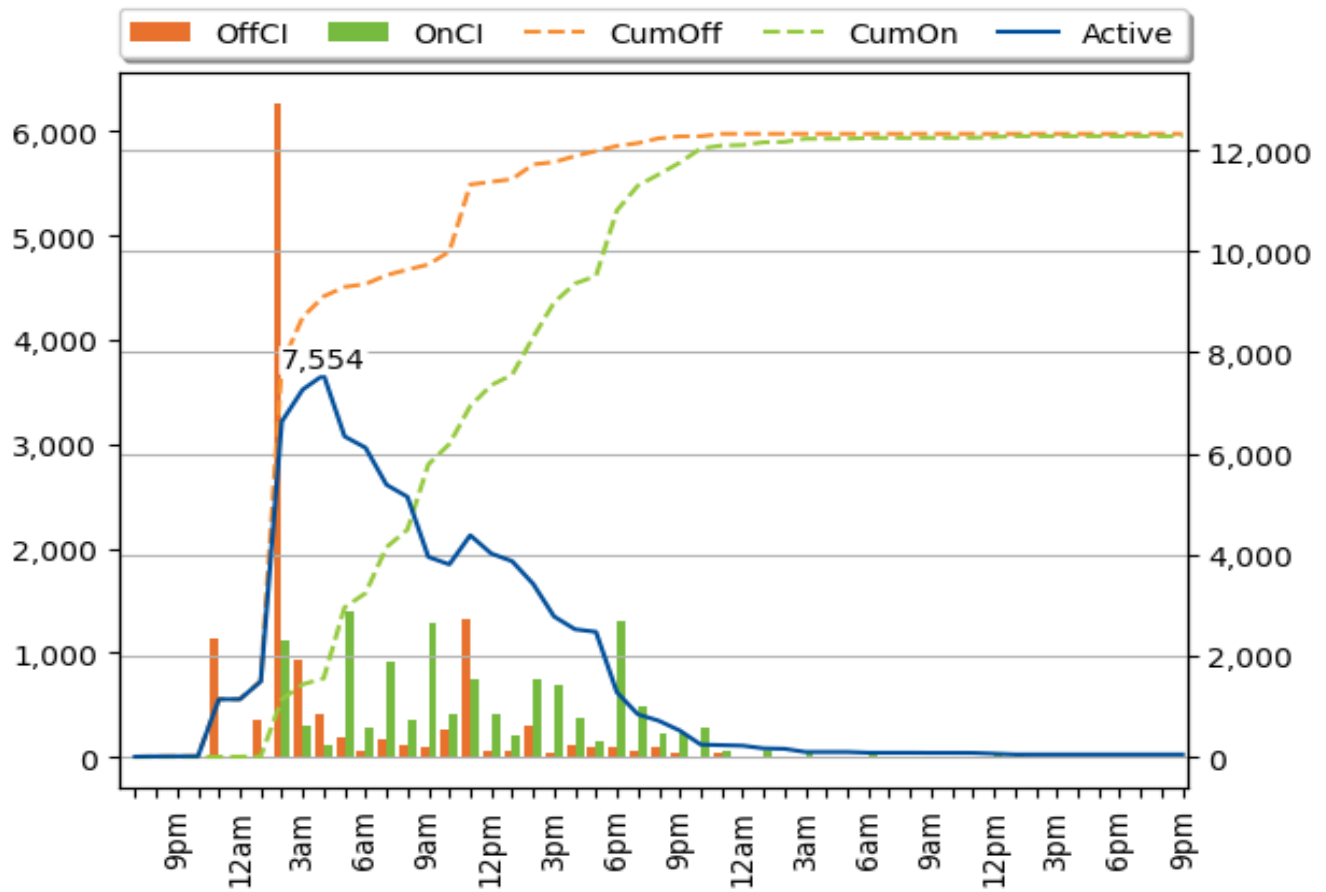
Root Causes

Root Cause	Customers Out	Number of Events
Weather	8,978	179
Vegetation	2,487	107
Unknown	308	8
Equipment	232	24
Wildlife	197	17
Public	87	1
Other	19	4
Planned	12	3
None	1	1

Customers Out by Cause and Failed Component Type

Failed Component	Equipment	Other	Planned	Public	Unknown	Vegetation	Weather	Wildlife	Total
Cable	2	0	0	0	0	0	0	0	2
Connector	4	0	0	0	0	30	56	0	90
Insulated Transition	3	0	0	0	0	1	691	0	695
Interrupting Device	202	0	0	0	51	1,345	1,270	196	3,064
Lightning/Surge Arrester	3	0	0	0	1	0	30	0	34
None	2	2	9	0	1	179	73	0	266
Other Equipment	3	17	0	0	247	348	3,780	0	4,395
Structural Support	0	0	0	0	8	123	1,047	0	1,178
Switch	3	0	0	0	0	2	103	0	108
Transformer	9	0	0	0	0	0	14	0	23
Wire	1	0	3	87	0	459	1,914	1	2,465
Total	232	19	12	87	308	2,487	8,978	197	12,320

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All data in the graph depict customer interruptions or CI.
The Bars use the left Y-axis. The Lines use the right Y-axis