

Evergy Kansas Central
August 19th, 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 Tuesday, August 19th at approximately 5:00 AM, storms in the service area caused numerous interruptions in Evergy Kansas Central. Most of the interruptions occurred in areas surrounding Wichita, Junction City, Topeka and Sedgwick.

The peak number of customers without power occurred within the 3:00 PM hour of August 19th and totaled approximately 6,513 customers. These accumulated interruptions have been classified as a "Significant Event", having over 10,000 retail customers with sustained service interruptions. In total for this event, 12,464 customers experienced sustained service interruptions.

Approximately 12,298 interrupted customers had been restored before 12:00 AM on August 20th.

Communities & Cities affected during the is event period

City or Community Affected
Abilene
Andover
Arkansas City
Arlington
Augusta
Basehor
Benton
Burrton
Canton
Cedar Point
Coffeyville
El Dorado
Eureka
Goddard
Grantville
Hamilton
Haysville
Hesston
Highland
Hoyt
Hutchinson
Independence
Junction City
Lansing
Lawrence
Leavenworth
Leon
Maize
Manhattan
Marion
Mayetta
Meriden
Moundridge
Newton
Nickerson
Olathe
Olpe
Partridge
Peck
Perry
Salina
Sedgwick
Shawnee
Topeka
Towanda
Valley Center
Virgil
Waverly
Whitewater
Wichita
Yates Center

Circuits Affected

Circuit Name	Retail Electric Customers Affected
INTE012036	2,027
PAWN012016	1,970
JUNC012006	1,018
WJC 012003	983
MAHA012002	891
WJC 012034	613
4VAN012031	610
COOK012016	492
CITI012032	330
FTJU012002	328
EFAI012004	224
OSAG012004	205
THUN012006	180
PAWN012024	179
HMAY012001	176
59TH012004	169
MACA012006	153
WJC 012002	151
54MR012005	140
19TH012014	104
JUNC012005	104
OAKL012002	72
COLI012002	69
VIST012004	69
HOOV012024	64
MIDI012072	62
MINN012016	49
EFAI012002	47
JUNC012001	41
TYLE012008	40
OAK 012004	39
MAIZ012004	38
HOOV012012	35
VIRG012012	32
54MR012003	29
CHES012002	27
PARK012012	27
VAUG344555	26
EEUR012024	25
ARKA012056	24
CANT012003	23
INDE012002	22
MIDL012012	21
CANA012016	20
NORL012005	19
EEUR012026	18
MOSS012002	18
HYDR012002	17
ARKA012004	15
EABI012002	15
3VAN012034	14

Circuit Name	Retail Electric Customers Affected
CSTV012002	14
FTJU012004	14
6GOL012002	13
COTT012014	13
GODD012002	13
MIDJ012024	13
WHAR012002	13
3VAN012002	12
HSFH012001	11
SHER012004	10
12CL012024	9
6TH 012016	8
CANA012028	8
29GA012005	7
GVIL012002	7
HHSS012002	7
MOBI012008	7
NORL012010	7
SWLA012016	7
DAVI012004	6
GATZ012008	6
HYDR012004	6
INNO012012	6
MDOW012006	6
SGAG012014	6
SHER012022	6
TYLE012004	6
1518012002	5
59TH012002	5
HALL012022	5
NWJC012001	5
POTW012004	5
THUN012002	5
41CA012003	4
ANDO012004	4
BVUR012014	4
DAVI012008	4
PARI012004	4
PECK012002	4
PEIL012002	4
SMOK012005	4
SPRU012016	4
WASS012002	4
12CL012013	3
27CR012003	3
43LO012004	3
BRNG012016	3
CANA012014	3
LEON012002	3
MACA012004	3
PARK012014	3
SWLA012032	3

Circuit Name	Retail Electric Customers Affected
WEAV012002	3
AND0012002	2
BETO012010	2
COMO012014	2
DEAR012002	2
EEUR012022	2
HALS012008	2
LAWH012026	2
MOON012022	2
ORCH012004	2
RUTA012006	2
WALG012000	2
WAVE012024	2
WHAR012012	2
WJC 012006	2
3VAN012006	1
53MU012024	1
ADA 012002	1
ADSO012002	1
BETO012012	1
CASS012014	1
CLWA012002	1
DAVI012006	1
ELDO012004	1
GATZ012004	1
HAYS012006	1
HEAR012002	1
INDI012001	1
JUNC012004	1
LEON012004	1
LIBE012001	1
LONG002000	1
MAPL012012	1
MATT012004	1
MIDI012076	1
MONT012004	1
OATV012036	1
PARS013006	1
PEIL012004	1
PENT012022	1
RICH012004	1
RIPL012012	1
SENE012012	1
VIRG012026	1
WEUR012012	1
WREN012024	1

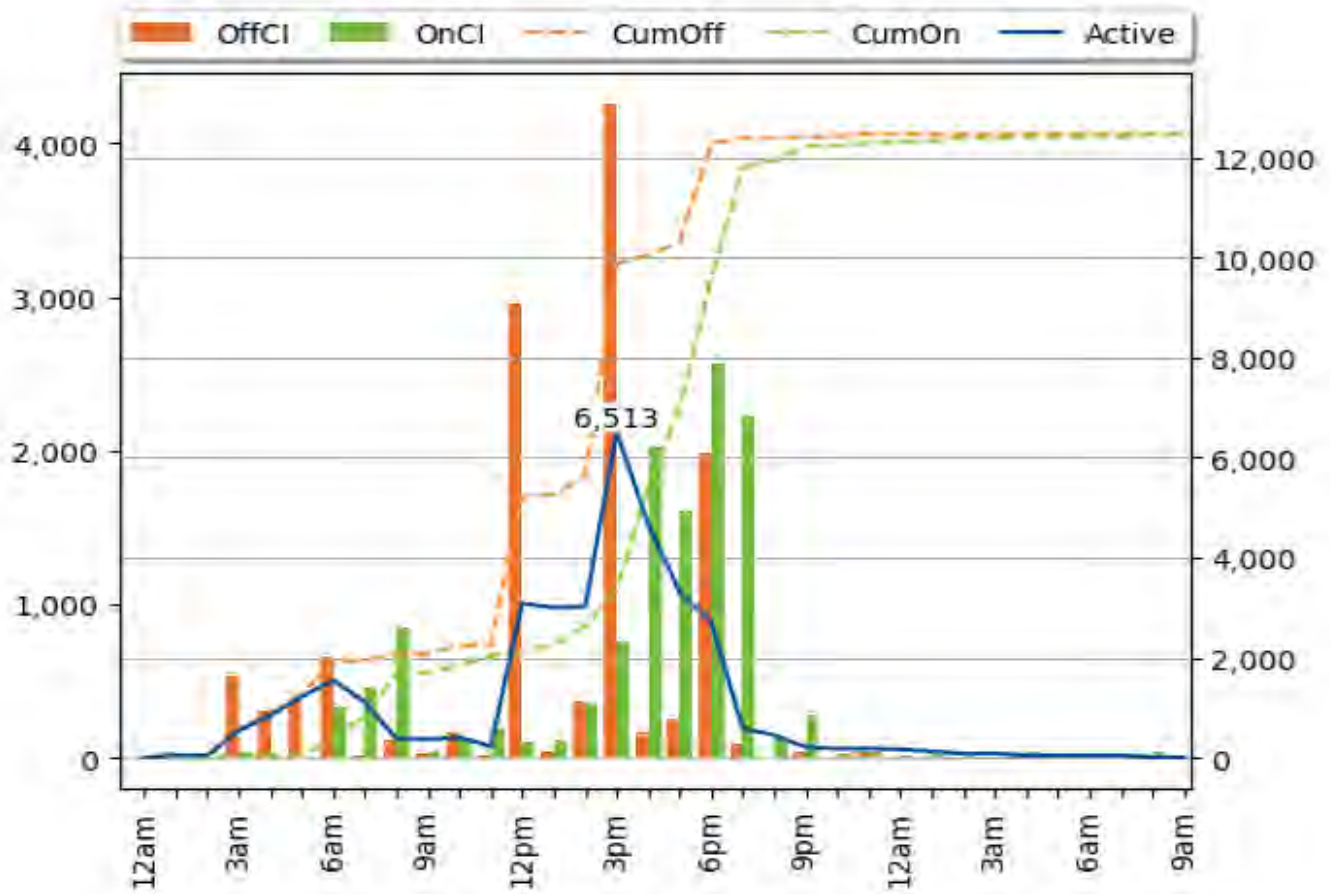
Root Causes

Root Cause	Customers Out	Number of Events
Weather	9,151	159
Equipment	1,244	34
Vegetation	1,181	53
Public	620	3
Wildlife	116	6
Planned	105	14
Unknown	47	4

Customers Out by Cause and Failed Component Type

Failed Component	Equipment	Planned	Public	Unknown	Vegetation	Weather	Wildlife	Total
Cable	42	1	10	0	0	5	0	58
Connector	7	0	0	13	32	41	0	93
Interrupting Device	1,002	0	0	34	433	1,149	116	2,734
Lightning/Surge Arrester	0	0	0	0	0	1	0	1
None	0	70	0	0	276	396	0	742
Other Equipment	31	26	0	0	21	2,476	0	2,554
Structural Support	6	6	610	0	266	1,659	0	2,547
Switch	63	0	0	0	88	2	0	153
Transformer	5	2	0	0	13	23	0	43
Wire	88	0	0	0	52	3,399	0	3,539
Total	1,244	105	620	47	1,181	9,151	116	12,464

Restoration Over August 19th, 2025



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