

Evergy Kansas Central
January 5th, 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 Sunday, January 5th at approximately 2:00 AM, storms in the service area caused numerous interruptions in Evergy Kansas Central. Most of the interruptions occurred in areas surrounding Wichita, Goddard, Pittsburg, Topeka, Cheney, Hutchinson, Council Grove and Independence.

The peak number of customers without power occurred within the 4:00 AM hour of January 5th and totaled approximately 20,029 customers. These accumulated interruptions have been classified as an IEEE Major Event Day. In total for this event, 40,313 customers experienced sustained service interruptions.

Approximately 40,272 interrupted customers had been restored before 12:00 AM on January 6th.

Communities & Cities affected during the is event period

City or Community Affected
Abilene
Alma
Americus
Arkansas City
Atlanta
Augusta
Baldwin City
Beaumont
Benedict
Blue Mound
Bronson
Buffalo
Buhler
Burns
Burrton
Canton
Cedar Point
Cheney
Colony
Colwich
Council Grove
Coyville
Cummings
Derby
Douglass
El Dorado
Elbing
Elsmore
Emporia
Eskridge
Eureka
Fall River
Falun
Florence
Fort Scott
Fredonia
Galva
Garden Plain
Goddard
Goessel
Grenola
Gridley
Hamilton
Haysville
Hepler
Hesston
Horton
Howard
Hutchinson
Independence
Kincaid

City or Community Affected
La Harpe
Lamont
Lawrence
Leavenworth
Lebo
Leon
Lone Elm
Madison
Mccune
Mcperson
Mildred
Moline
Moran
Mulberry
Mulvane
Neal
Newton
Olathe
Olivet
Olpe
Overbrook
Park City
Parsons
Peabody
Piedmont
Pittsburg
Powhattan
Pretty Prairie
Redfield
Reece
Richards
Rose Hill
Salina
Selma
Severy
South Hutchinson
Tescott
Topeka
Toronto
Udall
Valley Center
Wakefield
Waverly
Wichita
Winfield
Yates Center

Circuits Affected

Circuit Name	Retail Electric Customers Affected
GODD012002	2,824
CANA012014	2,379
CANA012008	2,259
CENT012002	2,068
CENT012012	1,974
OSAG012004	1,858
CANA012016	1,845
PITT012004	1,738
GODD012006	1,603
LAKE012012	1,564
INDI012001	1,464
CANA012028	1,431
CENT012014	1,382
SUNS012002	1,263
MIDI012066	1,210
EEUR344588	906
MARM034002	896
COUN012022	810
SHER012004	750
DAVI012006	737
INDE012004	728
WMCP342840	638
CANA012024	512
CANA012026	459
CANA012006	385
FORT012006	355
HAYS012004	355
LWAB012000	306
CRAW012002	286
GATZ012002	284
TORO012012	259
MAGN012002	250
MADI012016	223
OAKL012004	208
PEAB012012	201
AMER012014	182
DAVI012004	182
WAKE012002	155
CANA012018	148
ELKR023004	144
SUNS012004	133
WARE012008	124
OLPE012014	119
6TH 012036	112
MARM012002	109
NEWT012002	107
WAVE012024	99
EEUR344586	92
CHIS012004	85
SWLA012016	85
MACA012006	81

Circuit Name	Retail Electric Customers Affected
SGAT012022	79
HYDR012002	78
HYDR012004	76
64TH012052	75
BETO012012	75
PAWN012022	74
CITI012036	73
FLIN012016	67
ORCH012002	66
SMOL012012	65
TORO007010	64
PAWN012016	62
TEET012016	54
BAKE012002	51
INTE012016	51
FAIR012014	49
ELPA012006	44
FAIG012004	42
PAWN012012	33
GALE012002	29
HUDS012004	29
CRAW012004	28
PEAB012016	26
59TH012002	25
FOUR012003	24
MACA012010	24
CRPC012002	23
FMC 012016	23
UNKNOWN	22
VAUG344555	21
NEPA013012	20
RICH012002	20
41CA012005	19
VAUG012026	17
DAVI012008	16
ELDO012002	16
CITI012034	15
FOWL012010	14
CHES012002	13
SENE012002	13
TORO012014	13
GATZ012006	12
ORCH012004	12
OSAG012002	12
VAUG012024	12
ADSO012002	11
EAST012012	11
EEUR012026	9
FLCE012000	9
LAWH012032	9
MOSS012012	9
NORT012006	9

Circuit Name	Retail Electric Customers Affected
WATC012001	9
WEUR012012	9
ARNO012022	8
VIRG012026	8
VIST012022	8
ADA 012002	7
ARKA012056	7
LAHA012002	7
RIPL012002	7
LAKE012006	6
LAKE012014	6
MCKE012002	6
SHER012012	6
STWN012016	6
TESC012002	6
UDAL012008	6
SHEF023004	5
HUDS012024	4
MIDI012062	4
FARB012014	3
HESS012004	3
HOOV012014	3
WGAT012022	3
17TH012076	2
41CA012006	2
95WA012026	2
COLE012002	2
DEPA012002	2
GORD012006	2
HESS012002	2
LEON012002	2
MACA012004	2
MIDI012072	2
MULB023006	2
REED012006	2
SPRU012024	2
17FL012011	1
19TH012022	1
ALLE012002	1
ANDO012002	1
BEAR012014	1
BELA012002	1
BRON002BUS	1
CECR012012	1
CENT012004	1
CHAR012012	1
CLWA012004	1
CSTV012002	1
DAVI012002	1
DEAR012002	1
EAST012014	1
EEUR012022	1

Circuit Name	Retail Electric Customers Affected
ELDO012004	1
ELPA012002	1
EUDO012026	1
GRNT012002	1
LEON012004	1
LIN 012002	1
MAHA012004	1
MASC012006	1
MOBI012008	1
MONT012006	1
NSTR012001	1
PARC012004	1
PARI012006	1
PAWN012024	1
REED012002	1
RUTA012006	1
SDAL012006	1
SKEL012020	1
SO10012024	1
TIMB012002	1
TIML012034	1
WARE012004	1
WEBB012002	1
WHAR012002	1

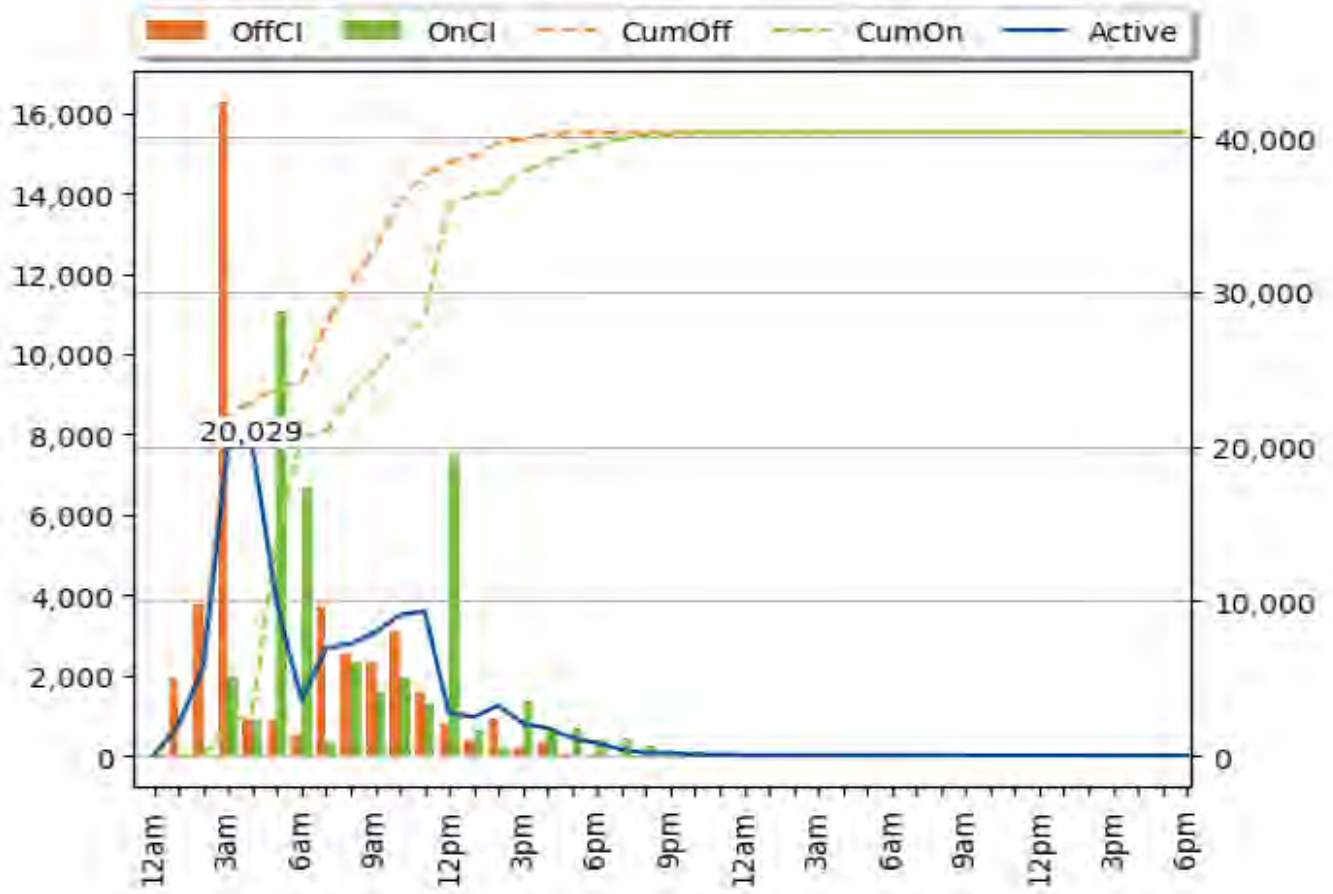
Root Causes

Root Cause	Customers Out	Number of Events
Weather	38,825	226
Vegetation	963	39
Equipment	499	25
Wildlife	14	3
Unknown	8	3
Public	2	2
Other	1	1
Power Supply	1	1

Customers Out by Cause and Failed Component Type

Failed Component	Equipment	Other	Power Supply	Public	Unknown	Vegetation	Weather	Wildlife	Total
Cable	0	0	0	0	0	0	4	0	4
Connector	137	0	0	0	0	12	483	0	632
Insulated Transition	0	0	0	0	0	0	3	0	3
Interrupting Device	162	1	1	0	6	118	2,400	12	2,700
None	0	0	0	1	2	110	714	2	829
Other Equipment	0	0	0	1	0	106	22,640	0	22,747
Structural Support	99	0	0	0	0	0	2,766	0	2,865
Switch	80	0	0	0	0	0	890	0	970
Transformer	8	0	0	0	0	0	1	0	9
Wire	13	0	0	0	0	617	8,924	0	9,554
Total	499	1	1	2	8	963	38,825	14	40,313

Restoration Over January 5th, 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