20181220103936
Filed Date: 12/20/2018
State Corporation Commission
of Kansas

Westar Energy
Taking energy to heart.

December 20, 2018

Mr. Jeff McClanahan
Director Utilities
Kansas Corporation Commission
1500 SW Arrowhead Road
Topeka, KS 66604-4027

RE: Docket No. 02-GIME-365-GIE

Dear Mr. McClanahan:

Pursuant to the Commission's Electric Reliability Requirements, Rule 6(b) in the above indicated docket, Westar Energy hereby submits for filing copies of Westar Energy North's November 25, 2018 Significant Event Report.

Thank you for your consideration of this matter.

Sincerely,

Amber Housholder

Amber Housholder
Regulatory Affairs

cc: Darrin Ives
Larry Wilkus

Westar Energy North
Nov 25, 2018
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, November 25 at approximately 8:00 AM, a blizzard and ice storm in the service area caused numerous outages in the northern areas of Westar. Most of the outages occurred in areas surrounding Lawrence.

The peak number of customers without power occurred within the 1:00 PM hour of November 25 and totaled approximately 14,300 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 24,200 interrupted customers had been restored before 8:00 PM on November 26.

Communities & Cities affected during this event period:

City or Community Affected	City or Community Affected	City or Community Affected
Abilene	Hamilton	Oskaloosa
Ada	Hanover	Oswego
Americus	Herkimer	Overbrook
Atchison	Hiawatha	Ozawkie
Beattie	Holton	Parsons
Bendena	Home City	Perry
Benedict	Horton	Piedmont
Beverly	Hoyt	Sabetha
Blue Rapids	Huron	Salina
Bonner Springs	Hutchinson	Scranton
Breman	Junction City	Severance
Brookeville	Lancaster	Severy
Carbondale	Lansing	Shady Bend
Cassoday	Lawrence	Shawnee
Centralia	Leavenworth	Soldier
Climax	Lecompton	Spring Hill
Coyville	Lenexa	St. Marys
Culver	Leona	Tecumseh
Cummings	Linwood	Tescott
De Soto	Manhattan	Tonganoxie
Denison	Marysville	Topeka
Denton	Mayetta	Toronto
Easton	McLouth	Troy
Edwardsville	Meriden	Valley Falls
Effingham	Minneapolis	Virgil
Elwood	Morrill	Waterville
Emporia	Muscotah	Wathena
Eskridge	Neal	Westfall
Eudora	Netawaka	White City
Eureka	Nortonville	Whiting
Everest	Oketo	Wilsey
Fairview	Olathe	Winchester
Fall River	Olpe	Windom
Grantville	Onaga	

Circuits affected during this event:

Circuit Name	Retail Electric Customers Affected
166 012016	8
17FL012007	1
19TH012022	851
27CR012003	11
29GA012002	23
29GA012003	123
30PR012014	1
43LO012004	112
4VAN012032	3
53MU012024	1
54MR012005	2
6TH 012016	65
6TH 012032	34
6TH 012034	39
6TH 012036	347
95WA012014	27
95WA012016	444
95WA012024	7
95WA012026	10
AMEL012044	3
AMEL012046	1
AMER012012	8
ARNO012022	24
BALD012044	6
BENJ012012	264
BENJ012014	4
BEST004001	1
BLRA012001	273
BLRA012002	391
BONI012002	16
BRWK012001	1
CASS012014	1
CECR012016	6
CITI012032	1
CNTL012001	4
COND012002	1
COUN012014	1
CRVL012002	5
DAVI012004	1
DEER012001	1
DENI012002	725
DOYL012001	1
SOLC012001	1
SPRI012026	8
SPRI012032	36
SPRU012012	39
SPRU012016	33
SPRU012022	53

Circuit Name	Retail Electric Customers Affected
DRIV012014	2
EABI012001	15
EDUC012014	2
EDWV012014	8
EEUR012026	95
EFAI012002	2
EFAI012004	44
EFFJ012001	654
EMAN012001	1
EMSV012004	1
ESTR012052	9
EUDO012026	471
EVER012014	582
FAIG012002	9
FAIG012004	76
FAIG012006	40
FAIG012012	16
FAIG012014	23
FAIG012016	3
FAIR012014	29
FALL012012	210
FMC 012016	2
FORB012022	4
FOUR012002	50
FOUR012003	548
FTJU012002	20
HALL012012	152
HALL012022	37
HALL012024	970
HHSS012002	79
HKMR012000	1
HMAY012001	37
INDA012004	17
INDI012003	70
INDI012004	19
JAGG012022	8
K99 012016	546
KNOB342680	1
KNOB342690	1
KSU 012028	3
LABE013002	8
LANJ012000	250
STWN012012	4
STWN012016	93
STWN012022	1,016
STWN012024	84
Substation Outage	968
SWLA012014	3

Circuit Name	Retail Electric Customers Affected
LAWH012026	10
MAPL012014	5
MATT012006	8
MOCL012006	3
MOON012014	221
MOON012018	304
MOON012022	38
MORL012014	28
MTRP012012	7
MUSC340327	1
NEPA013004	14
NETA012016	10
NORL012010	2
NORV012012	301
NORV012014	217
NTYL012006	1
NTYL012007	4
NWLE012012	72
NWLE012014	3
OLPE012016	1
OSKA012000	2,136
PARA012012	1,370
PENT012022	11
PHLP012012	3
POEX012001	57
QUIN012004	2
QUIN012005	3
QUIN012008	4
RKCR012001	263
RKCR012002	62
SCRA012001	1
SESK012001	2
SGAG012003	206
SGAT012002	41
SGAT012022	4
SHAN012012	15
SHAW012003	33
SHMA004006	1
SKYW012012	53
SMOK012003	9
SMOK012005	2
SMOL012001	28
SWLA012016	621
SWLA012034	213
TESC012001	545
TESC012002	4
THOR012016	77
TIML012016	2

Circuits affected during this event (continued):

Circuit Name	Retail Electric Customers Affected
TIML012022	393
TIML012034	15
TONT012002	3
TONT342605	1
Transmission Outage	4,115
VAFC012012	59
VAFC012022	457

Circuit Name	Retail Electric Customers Affected
VIRG012024	1
WALG012000	1
WALN012012	4
WALN012024	124
WALN012026	45
WARN012004	1
WATH012026	248

Circuit Name	Retail Electric Customers Affected
WEMP012036	7
WILD012002	2
WIND012002	1
WJC 012004	1
WMLD012000	4
WREN012012	22
WREN012014	361

Root Causes and Equipment Failure:

Root Cause	Customers Out	Number of Outages
Ice Storm	11,774	160
Failed Equipment	4,065	98
Unknown	4,036	28
Other	3,303	106
Public Damage	1,008	3
Total During Storm	**24,186**	**395**

	Customers Out by Cause			
	Trees	**Equipment**	**All Other Causes**	**All Causes**
Equipment Types				
No failed equipment identified	**819**	**377**	**17,992**	**19,188**
Wire & Conductor	**0**	**2,758**	**670**	**3,428**
Poles & Structures	**0**	**848**	**262**	**1,110**
Insulators	**0**	**235**	**0**	**235**
Switches	**0**	**166**	**1**	**167**
Other	**0**	**41**	**0**	**41**
Arrestors	**0**	**9**	**0**	**9**
Transformers	**0**	**7**	**0**	**7**
Regulators	**0**	**1**	**0**	**1**
SubTotal During Storm	**819**	**4,442**	**18,925**	**24,186**

Restoration Progress:

