



76 South Main Street
Akron, Ohio 44308

James W. Burk
Managing Counsel

330-384-5861
Fax: 330-384-3875

March 31, 2016

Ms. Renee J. Jenkins
Director, Administration Department
Secretary to the Commission
Docketing Division
The Public Utilities Commission of Ohio
180 East Broad Street
Columbus, Ohio 43215-3793

**Re: *In the Matter of the FirstEnergy Companies Report Filed Pursuant to
Rule 10 of the Electric Service and Safety Standards, Ohio
Administrative Code 4901:1-10-10
Case No. 16-0009-EL-ESS***

Dear Ms. Jenkins:

Enclosed for filing please find the FirstEnergy Companies' Annual Report in the above referenced proceeding filed pursuant to Rule 10 of the Electric Service and Safety Standards, Ohio Administrative Code 4901:1-10-10.

Thank you for your assistance in this matter. Please contact me if you have any questions concerning this matter.

Respectfully,

James W. Burk
Managing Counsel

Enc.

**BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Annual Report of	:	
	:	
Pursuant to Rule 10 of the Electric	:	Case No. 16-0009-EL-ESS
Service and Safety Standards, Ohio	:	
Administrative Code 4901:1-10-10	:	

**ANNUAL REPORT
OF THE OHIO EDISON COMPANY COMPANY**

Pursuant to Rule 10 of the Electric Service and Safety Standards, Ohio, Administrative Code 4901:1-10-10, ("OE") submits the following Annual Report. The Report is attached.

Report Date & Time: March 30, 2016 8:33 am

**FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report**

**FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report**

1. 4901:1-10-(C)(1)

**CAIDI - Customer Average Interruption Duration
Index (In Minutes)**

a.	b.	c.
CAIDI Performance Standard	CAIDI After Exclusions	CAIDI Before Exclusions
114.37	100.63	102.31

2. 4901:1-10-(C)(1)

SAIFI - System Average Interruption Frequency Index

a.	b.	c.
SAIFI Performance Standard	SAIFI After Exclusions	SAIFI Before Exclusions
1.11	0.88	1.08

FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report

3. 4901:1-10-(C)(1) Supporting Data Report

a.	b.	c.	d.	e.
Number Of Customers Served	Number Of Customer Interruptions After Exclusions	Number Of Customer Interruptions Before Exclusions	Number Of Customer Minutes Interrupted After Exclusions	Number Of Customer Minutes Interrupted Before Exclusions
1,028,167	909,769	1,115,003	91,554,032	114,074,710

FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report

4. 4901:1-10-10(C)(2) Major Event Outage (MEO)

a.	b.	c.	d.	e.	f.
Major Event Date	Major Event Description	Customers Interrupted During MEO	Customer Minutes Interrupted During MEO	CAIDI During MEO (in minutes)	SAIFI During MEO
05/11/2015		19,191	4,726,447	246.28	0.02
06/18/2015		13,825	4,235,135	306.34	0.01
10/12/2015		7,589	3,670,399	483.65	0.01

Notes

Major event description is not required per Rule 4901:1-10-10.24

FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report

5.a. 4901:1-10-10(C)(2) Transmission Circuit Interruption Supporting Data

1.	2.	3.	4.	5.	6.
Date Transmission Outage Began	Reference ID Of Transmission Circuit Impacted	Time Outage Occurred	Size (in kilovolts) Of Transmission Circuit Or Equipment Involved	Cause Of Outage Including Specific Type Of Equipment And/Or Facility Causing Interruption	Total Length Of Interruption (in minutes)
02/08/2015	20342 - 2326	6:09 pm	69	OBJECT CONTACT WITH LINE	81,918
03/16/2015	20802 - 2025	5:08 pm	138	HUMAN ERROR - COMPANY	211,172
03/18/2015	20618 - 2427	4:32 pm	69	Insulator Failure	102,934
03/28/2015	21007 - 2309	7:56 pm	69	Insulator Failure	322,040
03/30/2015	20060 - 2337	10:02 pm	69	Down Ground	782,340
04/21/2015	20455 - 2076	2:42 pm	138	Guy Wire	30,100
05/11/2015	20103 - 2000	4:42 am	69	Fall-ins (from outside ROW)	2,333,713
05/15/2015	20530 - 3122	1:40 am	69	Vehicle Pole/Tower Accident	523,054
05/26/2015	20455 - 2306	9:53 pm	69	Pole Fire	31,977

FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report

5.a. 4901:1-10-10(C)(2) Transmission Circuit Interruption Supporting Data ... Continued ...

1.	2.	3.	4.	5.	6.
Date Transmission Outage Began	Reference ID Of Transmission Circuit Impacted	Time Outage Occurred	Size (in kilovolts) Of Transmission Circuit Or Equipment Involved	Cause Of Outage Including Specific Type Of Equipment And/Or Facility Causing Interruption	Total Length Of Interruption (in minutes)
05/30/2015	20044 - 2340	2:27 pm	69	UNKNOWN	87,384
07/28/2015	20361 - 2315	1:40 pm	69	Insulator Failure	171,848
07/30/2015	20112 - 2201	2:45 am	69	UNKNOWN	121,885
08/09/2015	21159 - 3219	9:50 am	69	Birds In Line/Bus	2,223,833
08/13/2015	21159 - 3219	6:35 pm	69	Down Ground	1,168,737
09/05/2015	20028 - 2043	4:42 pm	138	CUSTOMER EQUIPMENT	196,230
09/21/2015	20046 - 2324	11:22 am	69	HUMAN ERROR -NON-COMPANY	534,048
10/26/2015	20455 - 2305	11:48 am	69	OVERLOAD	452,487
10/26/2015	20455 - 2306	11:48 am	69	Loss of Supply	96,168

FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report

5.a. 4901:1-10-10(C)(2) Transmission Circuit Interruption Supporting Data ... Continued ...

1.	2.	3.	4.	5.	6.
Date Transmission Outage Began	Reference ID Of Transmission Circuit Impacted	Time Outage Occurred	Size (in kilovolts) Of Transmission Circuit Or Equipment Involved	Cause Of Outage Including Specific Type Of Equipment And/Or Facility Causing Interruption	Total Length Of Interruption (in minutes)
10/26/2015	20473 - 2302	11:48 am	69	Bus Outage	156,134
10/26/2015	20473 - 2303	11:48 am	69	Bus Outage	79,632
10/26/2015	20473 - 2304	11:55 am	69	Loss of Supply	105,956
12/12/2015	20048 - 2331	12:38 pm	69	Loss of Supply	41,928

FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report

5.b. 4901:1-10-10(C)(2) Distribution Circuits Impacted By Transmission Outage(s) Supporting Data

1.	2.	3.	4.	5.	6.	7.
Date The Transmission Outage Began	Customers Interrupted Per Transmission Outage	Customer Minutes Interrupted Per Transmission Outage	The Number Of Distribution Circuits Impacted	Circuit Reference ID For Each Of The Distribution Circuits Impacted By The Interruption	Customers Interrupted By Distribution Circuit Reference ID	Customer Minutes Interrupted By Distribution Circuit Reference ID
02/08/2015	1,998	81,918	2	20037 - 0012	919	37,679
				20037 - 0015	1,079	44,239
03/16/2015	5,847	211,172	8	20104 - 0001	30	420
				20121 - 0002	233	12,815
				20121 - 0026	2,921	160,655
				20142 - 0009	1,095	15,330
				20142 - 0010	401	5,614
				20142 - 0039	207	2,898
				20153 - 0016	566	7,924
				20153 - 0017	394	5,516
03/18/2015	2,782	102,934	3	20618 - 0002	1,397	51,689
				20618 - 0003	1,060	39,220

FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report

5.b. 4901:1-10-10(C)(2) Distribution Circuits Impacted By Transmission Outage(s) Supporting Data ... Continued ...

1.	2.	3.	4.	5.	6.	7.
Date The Transmission Outage Began	Customers Interrupted Per Transmission Outage	Customer Minutes Interrupted Per Transmission Outage	The Number Of Distribution Circuits Impacted	Circuit Reference ID For Each Of The Distribution Circuits Impacted By The Interruption	Customers Interrupted By Distribution Circuit Reference ID	Customer Minutes Interrupted By Distribution Circuit Reference ID
				20626 - 0018	325	12,025
03/28/2015	2,022	322,040	3	21030 - 0020 21030 - 0020 21030 - 0028	640 970 412	101,760 168,780 51,500
03/30/2015	7,670	782,340	6	20062 - 0010 20062 - 0012 20062 - 0016 20062 - 0053 20062 - 0062 21037 - 0014	369 1,504 1,371 1,931 1,830 665	37,638 153,408 139,842 196,962 186,660 67,830
04/21/2015	3,010	30,100	2	21097 - 0013 21097 - 0014	1,633 1,377	16,330 13,770

FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report

5.b. 4901:1-10-10(C)(2) Distribution Circuits Impacted By Transmission Outage(s) Supporting Data ... Continued ...

1.	2.	3.	4.	5.	6.	7.
Date The Transmission Outage Began	Customers Interrupted Per Transmission Outage	Customer Minutes Interrupted Per Transmission Outage	The Number Of Distribution Circuits Impacted	Circuit Reference ID For Each Of The Distribution Circuits Impacted By The Interruption	Customers Interrupted By Distribution Circuit Reference ID	Customer Minutes Interrupted By Distribution Circuit Reference ID
05/11/2015	23,912	2,333,713	22	20106 - 0014	943	42,435
				20106 - 0028	904	40,680
				20112 - 0013	1,176	127,008
				20112 - 0014	985	106,380
				20112 - 0015	697	75,276
				20112 - 0053	3,536	381,888
				20132 - 0015	1,132	50,940
				20132 - 0024	355	15,975
				20134 - 0001	54	2,430
				20156 - 0012	1,123	76,364
				20156 - 0013	445	30,260
				20156 - 0014	1,184	80,512

FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report

5.b. 4901:1-10-10(C)(2) Distribution Circuits Impacted By Transmission Outage(s) Supporting Data ... Continued ...

1.	2.	3.	4.	5.	6.	7.
Date The Transmission Outage Began	Customers Interrupted Per Transmission Outage	Customer Minutes Interrupted Per Transmission Outage	The Number Of Distribution Circuits Impacted	Circuit Reference ID For Each Of The Distribution Circuits Impacted By The Interruption	Customers Interrupted By Distribution Circuit Reference ID	Customer Minutes Interrupted By Distribution Circuit Reference ID
				20162 - 0006	1,064	47,880
				20162 - 0013	1,613	72,585
				20162 - 0050	661	29,745
				20162 - 0059	493	22,185
				20162 - 0072	1,642	73,890
				20166 - 0004	1,207	82,076
				20166 - 0007	1,974	134,232
				20173 - 0002	1,208	349,112
				20173 - 0015	1,513	491,725
				21067 - 0013	3	135
05/15/2015	9,414	523,054	7	20531 - 0018	1,355	96,205
				20531 - 0030	637	45,227

FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report

5.b. 4901:1-10-10(C)(2) Distribution Circuits Impacted By Transmission Outage(s) Supporting Data ... Continued ...

1.	2.	3.	4.	5.	6.	7.
Date The Transmission Outage Began	Customers Interrupted Per Transmission Outage	Customer Minutes Interrupted Per Transmission Outage	The Number Of Distribution Circuits Impacted	Circuit Reference ID For Each Of The Distribution Circuits Impacted By The Interruption	Customers Interrupted By Distribution Circuit Reference ID	Customer Minutes Interrupted By Distribution Circuit Reference ID
				20531 - 0039	1,362	96,702
				20531 - 0048	1,641	116,511
				20531 - 0057	2,183	154,993
				20532 - 0016	1,763	10,578
				20532 - 0029	473	2,838
05/26/2015	2,907	31,977	2	20454 - 0035	1,940	21,340
				20454 - 0044	967	10,637
05/30/2015	927	87,384	4	20201 - 0014	203	18,676
				20201 - 0023	672	61,824
				20201 - 0033	31	2,852
				20221 - 0017	21	4,032
07/28/2015	11,393	171,848	7	20042 - 0014	1,807	37,947

FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report

5.b. 4901:1-10-10(C)(2) Distribution Circuits Impacted By Transmission Outage(s) Supporting Data ... Continued ...

1.	2.	3.	4.	5.	6.	7.
Date The Transmission Outage Began	Customers Interrupted Per Transmission Outage	Customer Minutes Interrupted Per Transmission Outage	The Number Of Distribution Circuits Impacted	Circuit Reference ID For Each Of The Distribution Circuits Impacted By The Interruption	Customers Interrupted By Distribution Circuit Reference ID	Customer Minutes Interrupted By Distribution Circuit Reference ID
				20042 - 0017	1,297	27,237
				20042 - 0055	1,747	36,687
				20042 - 0064	1,357	28,497
				20049 - 0025	1,128	9,024
				20049 - 0028	2,125	17,000
				20049 - 0056	1,932	15,456
07/30/2015	6,415	121,885	4	20112 - 0013	1,176	22,344
				20112 - 0014	979	18,601
				20112 - 0015	701	13,319
				20112 - 0053	3,559	67,621
08/09/2015	13,486	2,223,833	9	20412 - 0009	1,815	384,780
				20412 - 0023	2,347	497,564

FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report

5.b. 4901:1-10-10(C)(2) Distribution Circuits Impacted By Transmission Outage(s) Supporting Data ... Continued ...

1.	2.	3.	4.	5.	6.	7.
Date The Transmission Outage Began	Customers Interrupted Per Transmission Outage	Customer Minutes Interrupted Per Transmission Outage	The Number Of Distribution Circuits Impacted	Circuit Reference ID For Each Of The Distribution Circuits Impacted By The Interruption	Customers Interrupted By Distribution Circuit Reference ID	Customer Minutes Interrupted By Distribution Circuit Reference ID
				20423 - 0044	1,519	183,799
				20423 - 0047	1,633	197,593
				20423 - 0056	273	33,033
				20425 - 0017	1,363	234,436
				20425 - 0026	1,466	253,618
				20425 - 0062	1,505	215,215
				20425 - 0074	1,565	223,795
08/13/2015	13,477	1,168,737	9	20412 - 0009	1,819	121,873
				20412 - 0023	2,344	157,048
				20423 - 0044	1,515	46,965
				20423 - 0047	1,631	50,561
				20423 - 0056	273	8,463

FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report

5.b. 4901:1-10-10(C)(2) Distribution Circuits Impacted By Transmission Outage(s) Supporting Data ... Continued ...

1.	2.	3.	4.	5.	6.	7.
Date The Transmission Outage Began	Customers Interrupted Per Transmission Outage	Customer Minutes Interrupted Per Transmission Outage	The Number Of Distribution Circuits Impacted	Circuit Reference ID For Each Of The Distribution Circuits Impacted By The Interruption	Customers Interrupted By Distribution Circuit Reference ID	Customer Minutes Interrupted By Distribution Circuit Reference ID
				20425 - 0017	1,363	190,820
				20425 - 0026	1,465	206,565
				20425 - 0062	1,502	189,252
				20425 - 0074	1,565	197,190
09/05/2015	6,407	196,230	6	21053 - 0013	2,007	80,280
				21053 - 0014	509	20,360
				21053 - 0014	148	14,504
				21053 - 0015	1,529	61,160
				21085 - 0013	1,537	13,833
				21085 - 0014	677	6,093
09/21/2015	5,563	534,048	5	20043 - 0011	1,524	146,304
				20043 - 0014	1,037	99,552

FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report

5.b. 4901:1-10-10(C)(2) Distribution Circuits Impacted By Transmission Outage(s) Supporting Data ... Continued ...

1.	2.	3.	4.	5.	6.	7.
Date The Transmission Outage Began	Customers Interrupted Per Transmission Outage	Customer Minutes Interrupted Per Transmission Outage	The Number Of Distribution Circuits Impacted	Circuit Reference ID For Each Of The Distribution Circuits Impacted By The Interruption	Customers Interrupted By Distribution Circuit Reference ID	Customer Minutes Interrupted By Distribution Circuit Reference ID
10/26/2015	14,194	156,134	11	20043 - 0017	1,109	106,464
				20043 - 0020	1,157	111,072
				20043 - 0105	736	70,656
				20410 - 0021	1,981	21,791
				20456 - 0003	244	2,684
				20456 - 0004	1,361	14,971
				20456 - 0056	2,159	23,749
				20456 - 0071	1,383	15,213
				20456 - 0075	2,198	24,178
				20456 - 0084	1,275	14,025
10/26/2015	14,194	156,134	11	20469 - 0017	1,183	13,013
				20469 - 0031	956	10,516

FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report

5.b. 4901:1-10-10(C)(2) Distribution Circuits Impacted By Transmission Outage(s) Supporting Data ... Continued ...

1.	2.	3.	4.	5.	6.	7.
Date The Transmission Outage Began	Customers Interrupted Per Transmission Outage	Customer Minutes Interrupted Per Transmission Outage	The Number Of Distribution Circuits Impacted	Circuit Reference ID For Each Of The Distribution Circuits Impacted By The Interruption	Customers Interrupted By Distribution Circuit Reference ID	Customer Minutes Interrupted By Distribution Circuit Reference ID
				20469 - 0055	233	2,563
				20469 - 0064	1,221	13,431
10/26/2015	6,765	79,632	10	20410 - 0012	1,548	17,028
				20452 - 0403	71	852
				20452 - 0404	1,101	13,212
				20472 - 0401	591	7,092
				20472 - 0402	468	5,616
				20472 - 0403	805	9,660
				20472 - 0404	16	192
				20472 - 0405	585	7,020
				20472 - 0406	769	9,228
				20472 - 0407	811	9,732

FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report

5.b. 4901:1-10-10(C)(2) Distribution Circuits Impacted By Transmission Outage(s) Supporting Data ... Continued ...

1.	2.	3.	4.	5.	6.	7.
Date The Transmission Outage Began	Customers Interrupted Per Transmission Outage	Customer Minutes Interrupted Per Transmission Outage	The Number Of Distribution Circuits Impacted	Circuit Reference ID For Each Of The Distribution Circuits Impacted By The Interruption	Customers Interrupted By Distribution Circuit Reference ID	Customer Minutes Interrupted By Distribution Circuit Reference ID
10/26/2015	4,327	452,487	4	20402 - 0013	1,673	192,395
				20404 - 0013	1,109	108,682
				20404 - 0014	1,544	151,312
				20478 - 0012	1	98
10/26/2015	5,470	96,168	4	20454 - 0035	2,221	39,978
				20454 - 0044	957	17,226
				20462 - 0081	1,280	21,760
				20462 - 0090	1,012	17,204
10/26/2015	8,568	105,956	5	20468 - 0040	1,534	19,942
				20468 - 0041	1,606	20,878
				20473 - 0040	2,632	31,584
				20473 - 0049	1,094	13,128

FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report

5.b. 4901:1-10-10(C)(2) Distribution Circuits Impacted By Transmission Outage(s) Supporting Data ... Continued ...

1.	2.	3.	4.	5.	6.	7.
Date The Transmission Outage Began	Customers Interrupted Per Transmission Outage	Customer Minutes Interrupted Per Transmission Outage	The Number Of Distribution Circuits Impacted	Circuit Reference ID For Each Of The Distribution Circuits Impacted By The Interruption	Customers Interrupted By Distribution Circuit Reference ID	Customer Minutes Interrupted By Distribution Circuit Reference ID
				20473 - 0063	1,702	20,424
12/12/2015	5,241	41,928	4	20023 - 0007	429	3,432
				20023 - 0013	1,082	8,656
				20052 - 0014	1,316	10,528
				20052 - 0026	2,414	19,312

**FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report**

5.c. 4901:1-10-10(C)(2) Index Values During Transmission Outage(s) Supporting Data

1.	2.	3.
Date Transmission Outage Began	CAIDI For Period Of Outage (minutes)	SAIFI For Period Of Outage
02/08/2015	41	0.00
03/16/2015	36	0.01
03/18/2015	37	0.00
03/28/2015	159	0.00
03/30/2015	102	0.01
04/21/2015	10	0.00
05/11/2015	98	0.02
05/15/2015	56	0.01
05/26/2015	11	0.00

**FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report**

5.c. 4901:1-10-10(C)(2) Index Values During Transmission Outage(s) Supporting Data

... Continued ...

1.	2.	3.
Date Transmission Outage Began	CAIDI For Period Of Outage (minutes)	SAIFI For Period Of Outage
05/30/2015	94	0.00
07/28/2015	15	0.01
07/30/2015	19	0.01
08/09/2015	165	0.01
08/13/2015	87	0.01
09/05/2015	31	0.01
09/21/2015	96	0.01
10/26/2015	18	0.01
10/26/2015	105	0.00

**FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report**

5.c. 4901:1-10-10(C)(2) Index Values During Transmission Outage(s) Supporting Data

... Continued ...

1.	2.	3.
Date Transmission Outage Began	CAIDI For Period Of Outage (minutes)	SAIFI For Period Of Outage
10/26/2015	11	0.01
10/26/2015	12	0.01
10/26/2015	12	0.01
12/12/2015	8	0.01

FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report

6.a. 4901:1-10-10(C)(3)(a) Data Excluding Major Events And Transmission Outages

Outage Cause	Events	Customers Interrupted	Customer Minutes Interrupted
ANIMAL	2,692	98,102	7,563,457
BIRD	1,113	16,648	1,283,577
CONTAMINATION	5	5,950	298,716
CUSTOMER EQUIPMENT	32	90	7,373
EQUIPMENT FAILURE	2,599	254,661	23,976,792
FIRE	22	2,257	184,178
FORCED OUTAGE	369	39,279	1,480,281
HUMAN ERROR - COMPANY	56	8,304	254,991
HUMAN ERROR -NON-COMPANY	102	13,665	1,219,953
ICE	3	4	334
LIGHTNING	1,060	47,132	4,849,318
LINE FAILURE	1,571	133,992	17,155,069
OBJECT CONTACT WITH LINE	35	6,652	403,044
OTHER ELECTRIC UTILITY	4	1,455	159,458
OTHER UTILITY-NON ELEC	5	109	11,408
OVERLOAD	135	14,286	1,275,440
PLANNED OUTAGE	502	14,932	815,668
PREVIOUS LIGHTNING	156	1,752	196,626

FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report

6.a. 4901:1-10-10(C)(3)(a) Data Excluding Major Events And Transmission Outages

... Continued ...

Outage Cause	Events	Customers Interrupted	Customer Minutes Interrupted
Switching Error	2	776	4,710
Trees - Sec/Service	433	3,335	489,629
Trees Off ROW-Limb	674	48,448	5,737,383
Trees Off ROW-Tree	833	67,778	10,952,871
Trees On ROW	80	3,431	521,290
UG DIG-UP	55	1,386	219,449
UNKNOWN	616	36,752	2,664,652
VANDALISM	23	27	2,270
VEHICLE	547	88,566	9,826,095
WIND	0	0	0

FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report

6.b. 4901:1-10-10(C)(3)(b) Data For Major Events Only

Outage Cause	Events	Customers Interrupted	Customer Minutes Interrupted
ANIMAL	23	692	70,430
BIRD	10	73	6,941
CONTAMINATION	0	0	0
CUSTOMER EQUIPMENT	1	7	770
EQUIPMENT FAILURE	32	10,257	4,115,512
FIRE	0	0	0
FORCED OUTAGE	8	140	8,205
HUMAN ERROR - COMPANY	1	4	140
HUMAN ERROR -NON-COMPANY	1	1	25
ICE	0	0	0
LIGHTNING	68	3,828	995,128
LINE FAILURE	33	3,671	579,716
OBJECT CONTACT WITH LINE	0	0	0
OTHER ELECTRIC UTILITY	0	0	0
OTHER UTILITY-NON ELEC	0	0	0
OVERLOAD	1	72	6,264
PLANNED OUTAGE	12	69	9,261

FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report

6.b. 4901:1-10-10(C)(3)(b) Data For Major Events Only

... Continued ...

Outage Cause	Events	Customers Interrupted	Customer Minutes Interrupted
PREVIOUS LIGHTNING	2	2	796
Switching Error	0	0	0
Trees - Sec/Service	40	146	63,409
Trees Off ROW-Limb	64	7,543	1,866,166
Trees Off ROW-Tree	130	12,742	4,525,869
Trees On ROW	6	160	100,191
UG DIG-UP	0	0	0
UNKNOWN	10	396	33,697
VANDALISM	0	0	0
VEHICLE	6	369	60,802
WIND	2	433	188,659

FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report

6.c. 4901:1-10-10(C)(3)(c) Data For Transmission Outages Only

Outage Cause	Events	Customers Interrupted	Customer Minutes Interrupted
ANIMAL	0	0	0
BIRD	0	0	0
CONTAMINATION	0	0	0
CUSTOMER EQUIPMENT	0	0	0
EQUIPMENT FAILURE	58	69,929	5,771,826
FIRE	0	0	0
FORCED OUTAGE	0	0	0
HUMAN ERROR - COMPANY	49	53,234	1,174,519
HUMAN ERROR -NON-COMPANY	5	5,563	534,048
ICE	0	0	0
LIGHTNING	0	0	0
LINE FAILURE	9	9,667	899,522
OBJECT CONTACT WITH LINE	2	1,998	81,918
OTHER ELECTRIC UTILITY	0	0	0
OTHER UTILITY-NON ELEC	0	0	0
OVERLOAD	0	0	0
PLANNED OUTAGE	0	0	0

**FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report**

6.c. 4901:1-10-10(C)(3)(c) Data For Transmission Outages Only

... Continued ...

Outage Cause	Events	Customers Interrupted	Customer Minutes Interrupted
PREVIOUS LIGHTNING	0	0	0
Switching Error	0	0	0
Trees - Sec/Service	1	1	151
Trees Off ROW-Limb	0	0	0
Trees Off ROW-Tree	1	9	1,922
Trees On ROW	0	0	0
UG DIG-UP	0	0	0
UNKNOWN	9	14,814	901,737
VANDALISM	0	0	0
VEHICLE	7	9,414	523,054
WIND	0	0	0

7. 4901:1-10-(C)(4) Momentary Interruptions

Total Number = 2,035

**FirstEnergy Companies
Ohio Edison Company
Rule #10
2015
Distribution System Reliability Report**

**BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Annual Report of	:	
	:	
Pursuant to Rule 10 of the Electric	:	Case No. 16-0009-EL-ESS
Service and Safety Standards, Ohio	:	
Administrative Code 4901:1-10-10	:	

**ANNUAL REPORT
OF THE THE CLEVELAND ELECTRIC ILLUMINATING COMPANY COMPANY**

Pursuant to Rule 10 of the Electric Service and Safety Standards, Ohio, Administrative Code 4901:1-10-10, ("CEI") submits the following Annual Report. The Report is attached.

Report Date & Time: March 30, 2016 8:29 am

**FirstEnergy Companies
The Cleveland Electric Illuminating Company
Rule #10
2015
Distribution System Reliability Report**

FirstEnergy Companies
The Cleveland Electric Illuminating Company
Rule #10
2015
Distribution System Reliability Report

1. 4901:1-10-(C)(1)

CAIDI - Customer Average Interruption Duration
Index (In Minutes)

a.	b.	c.
CAIDI Performance Standard	CAIDI After Exclusions	CAIDI Before Exclusions
135.00	125.40	121.44

2. 4901:1-10-(C)(1)

SAIFI - System Average Interruption Frequency Index

a.	b.	c.
SAIFI Performance Standard	SAIFI After Exclusions	SAIFI Before Exclusions
1.30	1.02	1.20

FirstEnergy Companies
The Cleveland Electric Illuminating Company
Rule #10
2015
Distribution System Reliability Report

3. 4901:1-10-(C)(1) Supporting Data Report

a.	b.	c.	d.	e.
Number Of Customers Served	Number Of Customer Interruptions After Exclusions	Number Of Customer Interruptions Before Exclusions	Number Of Customer Minutes Interrupted After Exclusions	Number Of Customer Minutes Interrupted Before Exclusions
725,879	741,393	869,194	92,969,701	105,552,095

FirstEnergy Companies
The Cleveland Electric Illuminating Company
Rule #10
2015
Distribution System Reliability Report

4. 4901:1-10-10(C)(2) Major Event Outage (MEO)

a.	b.	c.	d.	e.	f.
Major Event Date	Major Event Description	Customers Interrupted During MEO	Customer Minutes Interrupted During MEO	CAIDI During MEO (in minutes)	SAIFI During MEO
05/30/2015		24,421	4,225,198	173.01	0.03
06/23/2015		20,346	5,147,148	252.98	0.03

Notes

Major event description is not required per Rule 4901:1-10-10.24

FirstEnergy Companies
The Cleveland Electric Illuminating Company
Rule #10
2015
Distribution System Reliability Report

5.a. 4901:1-10-10(C)(2) Transmission Circuit Interruption Supporting Data

1.	2.	3.	4.	5.	6.
Date Transmission Outage Began	Reference ID Of Transmission Circuit Impacted	Time Outage Occurred	Size (in kilovolts) Of Transmission Circuit Or Equipment Involved	Cause Of Outage Including Specific Type Of Equipment And/Or Facility Causing Interruption	Total Length Of Interruption (in minutes)
01/27/2015	40064 - 4073	1:49 pm	138	Switch Failure	132,682
01/29/2015	40046 - 4052	9:09 am	138	Switch Flashover, Switch Failure	40,894
04/28/2015	40008 - 4071	2:31 pm	138	Incorrect Relay Settings	54,408
05/21/2015	40159 - 4085	6:20 am	138	Bird Droppings	1,247,605
06/29/2015	40046 - 4072	12:00 pm	138	Other Electric Utility	1,438,106
10/16/2015	40169 - 4032	1:39 pm	138	Incorrect Relay Settings	173,673

FirstEnergy Companies
The Cleveland Electric Illuminating Company
Rule #10
2015
Distribution System Reliability Report

5.b. 4901:1-10-10(C)(2) Distribution Circuits Impacted By Transmission Outage(s) Supporting Data

1.	2.	3.	4.	5.	6.	7.
Date The Transmission Outage Began	Customers Interrupted Per Transmission Outage	Customer Minutes Interrupted Per Transmission Outage	The Number Of Distribution Circuits Impacted	Circuit Reference ID For Each Of The Distribution Circuits Impacted By The Interruption	Customers Interrupted By Distribution Circuit Reference ID	Customer Minutes Interrupted By Distribution Circuit Reference ID
01/27/2015	6,031	132,682	4	40037 - 0001	1,379	30,338
				40037 - 0002	1,953	42,966
				40037 - 0003	1,925	42,350
				40037 - 0004	774	17,028
01/29/2015	5,842	40,894	3	40142 - 0001	2,869	20,083
				40142 - 0002	940	6,580
				40142 - 0003	2,033	14,231
04/28/2015	2,267	54,408	6	40117 - 0003	671	16,104
				40117 - 0004	198	4,752
				40117 - 0006	22	528
				40117 - 0007	1,027	24,648
				40117 - 0008	341	8,184

FirstEnergy Companies
The Cleveland Electric Illuminating Company
Rule #10
2015
Distribution System Reliability Report

5.b. 4901:1-10-10(C)(2) Distribution Circuits Impacted By Transmission Outage(s) Supporting Data ... Continued ...

1.	2.	3.	4.	5.	6.	7.
Date The Transmission Outage Began	Customers Interrupted Per Transmission Outage	Customer Minutes Interrupted Per Transmission Outage	The Number Of Distribution Circuits Impacted	Circuit Reference ID For Each Of The Distribution Circuits Impacted By The Interruption	Customers Interrupted By Distribution Circuit Reference ID	Customer Minutes Interrupted By Distribution Circuit Reference ID
				40242 - 0010	8	192
05/21/2015	17,558	1,247,605	35	40003 - 0006	592	56,240
				40003 - 0009	266	25,270
				40003 - 0012	336	31,920
				40003 - 0018	722	68,590
				40121 - 0001	40	3,880
				40121 - 0002	503	48,791
				40121 - 0003	367	35,599
				40121 - 0004	1	97
				40126 - 0001	675	78,975
				40126 - 0002	681	79,677
				40126 - 0003	1,979	231,543

FirstEnergy Companies
The Cleveland Electric Illuminating Company
Rule #10
2015
Distribution System Reliability Report

5.b. 4901:1-10-10(C)(2) Distribution Circuits Impacted By Transmission Outage(s) Supporting Data ... Continued ...

1.	2.	3.	4.	5.	6.	7.
Date The Transmission Outage Began	Customers Interrupted Per Transmission Outage	Customer Minutes Interrupted Per Transmission Outage	The Number Of Distribution Circuits Impacted	Circuit Reference ID For Each Of The Distribution Circuits Impacted By The Interruption	Customers Interrupted By Distribution Circuit Reference ID	Customer Minutes Interrupted By Distribution Circuit Reference ID
				40126 - 0004	707	82,719
				40166 - 0001	1,303	10,424
				40166 - 0002	711	5,688
				40166 - 0003	1,313	10,504
				40166 - 0004	1,139	9,112
				40169 - 0010	1	98
				40169 - 0020	4	372
				40169 - 0022	4	388
				40195 - 0001	10	930
				40195 - 0003	17	1,581
				40195 - 0004	5	465
				40213 - 0001	87	6,699

FirstEnergy Companies
The Cleveland Electric Illuminating Company
Rule #10
2015
Distribution System Reliability Report

5.b. 4901:1-10-10(C)(2) Distribution Circuits Impacted By Transmission Outage(s) Supporting Data ... Continued ...

1.	2.	3.	4.	5.	6.	7.
Date The Transmission Outage Began	Customers Interrupted Per Transmission Outage	Customer Minutes Interrupted Per Transmission Outage	The Number Of Distribution Circuits Impacted	Circuit Reference ID For Each Of The Distribution Circuits Impacted By The Interruption	Customers Interrupted By Distribution Circuit Reference ID	Customer Minutes Interrupted By Distribution Circuit Reference ID
				40213 - 0002	199	15,323
				40213 - 0006	679	52,283
				40213 - 0008	633	48,741
				40213 - 0009	580	44,660
				40213 - 0011	906	69,762
				40213 - 0013	458	33,434
				40213 - 0014	425	31,025
				40213 - 0015	596	43,508
				40213 - 0018	903	65,919
				40213 - 0020	265	20,405
				40213 - 0021	15	1,155
				40213 - 0022	436	31,828

FirstEnergy Companies
The Cleveland Electric Illuminating Company
Rule #10
2015
Distribution System Reliability Report

5.b. 4901:1-10-10(C)(2) Distribution Circuits Impacted By Transmission Outage(s) Supporting Data ... Continued ...

1.	2.	3.	4.	5.	6.	7.
Date The Transmission Outage Began	Customers Interrupted Per Transmission Outage	Customer Minutes Interrupted Per Transmission Outage	The Number Of Distribution Circuits Impacted	Circuit Reference ID For Each Of The Distribution Circuits Impacted By The Interruption	Customers Interrupted By Distribution Circuit Reference ID	Customer Minutes Interrupted By Distribution Circuit Reference ID
06/29/2015	46,803	1,438,106	54	40022 - 0001	6	198
				40022 - 0002	540	17,820
				40022 - 0003	640	20,480
				40044 - 0001	209	5,643
				40044 - 0004	672	18,144
				40060 - 0001	12	372
				40060 - 0002	691	21,421
				40060 - 0003	741	22,971
				40060 - 0004	550	17,050
				40072 - 0001	21	420
				40072 - 0002	67	1,340
				40072 - 0003	150	3,000

FirstEnergy Companies
The Cleveland Electric Illuminating Company
Rule #10
2015
Distribution System Reliability Report

5.b. 4901:1-10-10(C)(2) Distribution Circuits Impacted By Transmission Outage(s) Supporting Data ... Continued ...

1.	2.	3.	4.	5.	6.	7.
Date The Transmission Outage Began	Customers Interrupted Per Transmission Outage	Customer Minutes Interrupted Per Transmission Outage	The Number Of Distribution Circuits Impacted	Circuit Reference ID For Each Of The Distribution Circuits Impacted By The Interruption	Customers Interrupted By Distribution Circuit Reference ID	Customer Minutes Interrupted By Distribution Circuit Reference ID
				40162 - 0001	5,179	103,580
				40162 - 0002	1,257	25,140
				40162 - 0003	650	13,000
				40162 - 0004	2,714	54,280
				40168 - 0001	1,276	20,416
				40168 - 0002	791	12,656
				40168 - 0003	2,273	36,368
				40168 - 0004	223	27,206
				40168 - 0005	1,929	235,338
				40168 - 0007	1,774	216,428
				40173 - 0001	963	29,853
				40173 - 0002	446	13,826

FirstEnergy Companies
The Cleveland Electric Illuminating Company
Rule #10
2015
Distribution System Reliability Report

5.b. 4901:1-10-10(C)(2) Distribution Circuits Impacted By Transmission Outage(s) Supporting Data ... Continued ...

1.	2.	3.	4.	5.	6.	7.
Date The Transmission Outage Began	Customers Interrupted Per Transmission Outage	Customer Minutes Interrupted Per Transmission Outage	The Number Of Distribution Circuits Impacted	Circuit Reference ID For Each Of The Distribution Circuits Impacted By The Interruption	Customers Interrupted By Distribution Circuit Reference ID	Customer Minutes Interrupted By Distribution Circuit Reference ID
				40177 - 0001	1,700	27,200
				40177 - 0002	2,265	36,240
				40177 - 0004	1,640	26,240
				40177 - 0005	2,072	33,152
				40177 - 0006	1,283	20,528
				40177 - 0007	685	10,960
				40177 - 0008	834	13,344
				40178 - 0014	9	180
				40178 - 0015	2	40
				40178 - 0021	3	60
				40178 - 0026	2	40
				40181 - 0017	3	102

FirstEnergy Companies
The Cleveland Electric Illuminating Company
Rule #10
2015
Distribution System Reliability Report

5.b. 4901:1-10-10(C)(2) Distribution Circuits Impacted By Transmission Outage(s) Supporting Data ... Continued ...

1.	2.	3.	4.	5.	6.	7.
Date The Transmission Outage Began	Customers Interrupted Per Transmission Outage	Customer Minutes Interrupted Per Transmission Outage	The Number Of Distribution Circuits Impacted	Circuit Reference ID For Each Of The Distribution Circuits Impacted By The Interruption	Customers Interrupted By Distribution Circuit Reference ID	Customer Minutes Interrupted By Distribution Circuit Reference ID
				40181 - 0018	5	170
				40181 - 0024	3	99
				40181 - 0025	4	128
				40181 - 0026	3	93
				40181 - 0027	4	124
				40182 - 0001	2,237	71,584
				40182 - 0002	327	10,464
				40182 - 0003	1,815	58,080
				40188 - 0001	506	17,204
				40188 - 0002	39	1,326
				40198 - 0003	1,884	64,056
				40198 - 0004	556	18,904

FirstEnergy Companies
The Cleveland Electric Illuminating Company
Rule #10
2015
Distribution System Reliability Report

5.b. 4901:1-10-10(C)(2) Distribution Circuits Impacted By Transmission Outage(s) Supporting Data ... Continued ...

1.	2.	3.	4.	5.	6.	7.
Date The Transmission Outage Began	Customers Interrupted Per Transmission Outage	Customer Minutes Interrupted Per Transmission Outage	The Number Of Distribution Circuits Impacted	Circuit Reference ID For Each Of The Distribution Circuits Impacted By The Interruption	Customers Interrupted By Distribution Circuit Reference ID	Customer Minutes Interrupted By Distribution Circuit Reference ID
				40207 - 0001	284	7,668
				40207 - 0002	391	10,557
				40244 - 0001	1,091	33,821
				40244 - 0002	312	9,672
				40269 - 0001	1,388	22,208
				40269 - 0002	1,682	26,912
10/16/2015	3,928	173,673	4	40126 - 0001	669	36,795
				40126 - 0002	679	28,518
				40126 - 0003	1,965	82,530
				40126 - 0004	615	25,830

FirstEnergy Companies
The Cleveland Electric Illuminating Company
Rule #10
2015
Distribution System Reliability Report

5.c. 4901:1-10-10(C)(2) Index Values During Transmission Outage(s) Supporting Data

1.	2.	3.
Date Transmission Outage Began	CAIDI For Period Of Outage (minutes)	SAIFI For Period Of Outage
01/27/2015	22	0.01
01/29/2015	7	0.01
04/28/2015	24	0.00
05/21/2015	71	0.02
06/29/2015	31	0.06
10/16/2015	44	0.01

FirstEnergy Companies
The Cleveland Electric Illuminating Company
Rule #10
2015
Distribution System Reliability Report

6.a. 4901:1-10-10(C)(3)(a) Data Excluding Major Events And Transmission Outages

Outage Cause	Events	Customers Interrupted	Customer Minutes Interrupted
Animal	618	47,222	3,425,277
Bird	142	1,117	150,260
Customer Equipment	8	260	89,456
Equipment Failure	2,569	297,098	31,348,596
Fire	10	1,422	184,030
Forced Outage	361	30,497	2,824,382
Human Error-Company	10	1,044	28,718
Human Error-Non Company	30	2,715	300,414
Lightning	11	112	24,657
Line Failure	2,160	179,013	29,107,778
Object Contact with Line	24	5,200	456,369
Other Electric Utility	1	9	747
Other Utility-Non Electric	2	58	7,307
Overload	4	358	32,031
Planned Outage	367	13,182	2,529,779
Previous Lightning	0	0	0
Switching Error	6	4,595	211,909
Trees - Sec/Service	258	2,471	651,316

FirstEnergy Companies
The Cleveland Electric Illuminating Company
Rule #10
2015
Distribution System Reliability Report

6.a. 4901:1-10-10(C)(3)(a) Data Excluding Major Events And Transmission Outages

... Continued ...

Outage Cause	Events	Customers Interrupted	Customer Minutes Interrupted
Trees Off ROW-Limb	218	21,682	3,402,711
Trees Off ROW-Tree	245	28,619	5,548,428
Trees On ROW	235	31,730	5,567,113
UG-Dig-Up	52	3,077	366,396
Unknown	97	34,922	2,589,727
Vandalism	25	13,289	668,142
Vehicle	110	21,514	3,425,045
Wind	14	187	29,113

FirstEnergy Companies
The Cleveland Electric Illuminating Company
Rule #10
2015
Distribution System Reliability Report

6.b. 4901:1-10-10(C)(3)(b) Data For Major Events Only

Outage Cause	Events	Customers Interrupted	Customer Minutes Interrupted
Animal	4	23	3,095
Bird	1	5	2,445
Customer Equipment	0	0	0
Equipment Failure	105	17,158	2,579,574
Fire	0	0	0
Forced Outage	3	303	40,278
Human Error-Company	0	0	0
Human Error-Non Company	0	0	0
Lightning	67	3,914	725,124
Line Failure	43	3,050	1,292,428
Object Contact with Line	0	0	0
Other Electric Utility	0	0	0
Other Utility-Non Electric	0	0	0
Overload	0	0	0
Planned Outage	0	0	0
Previous Lightning	1	34	16,490
Switching Error	0	0	0

FirstEnergy Companies
The Cleveland Electric Illuminating Company
Rule #10
2015
Distribution System Reliability Report

6.b. 4901:1-10-10(C)(3)(b) Data For Major Events Only

... Continued ...

Outage Cause	Events	Customers Interrupted	Customer Minutes Interrupted
Trees - Sec/Service	14	318	201,415
Trees Off ROW-Limb	17	1,152	562,874
Trees Off ROW-Tree	11	2,557	1,096,417
Trees On ROW	46	15,762	2,720,409
UG-Dig-Up	0	0	0
Unknown	1	222	81,696
Vandalism	0	0	0
Vehicle	2	253	43,349
Wind	3	16	6,752

FirstEnergy Companies
The Cleveland Electric Illuminating Company
Rule #10
2015
Distribution System Reliability Report

6.c. 4901:1-10-10(C)(3)(c) Data For Transmission Outages Only

Outage Cause	Events	Customers Interrupted	Customer Minutes Interrupted
Animal	3	31	6,633
Bird	0	0	0
Customer Equipment	0	0	0
Equipment Failure	52	34,489	1,640,706
Fire	0	0	0
Forced Outage	0	0	0
Human Error-Company	0	0	0
Human Error-Non Company	55	46,841	1,444,490
Lightning	0	0	0
Line Failure	2	1,140	9,220
Object Contact with Line	0	0	0
Other Electric Utility	0	0	0
Other Utility-Non Electric	0	0	0
Overload	0	0	0
Planned Outage	0	0	0
Previous Lightning	0	0	0
Switching Error	0	0	0

FirstEnergy Companies
The Cleveland Electric Illuminating Company
Rule #10
2015
Distribution System Reliability Report

6.c. 4901:1-10-10(C)(3)(c) Data For Transmission Outages Only

... Continued ...

Outage Cause	Events	Customers Interrupted	Customer Minutes Interrupted
Trees - Sec/Service	0	0	0
Trees Off ROW-Limb	1	9	4,743
Trees Off ROW-Tree	0	0	0
Trees On ROW	2	112	37,604
UG-Dig-Up	0	0	0
Unknown	1	412	66,652
Vandalism	0	0	0
Vehicle	0	0	0
Wind	0	0	0

7. 4901:1-10-(C)(4) Momentary Interruptions

Total Number = 3,480

**BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Annual Report of	:	
	:	
Pursuant to Rule 10 of the Electric	:	Case No. 16-0009-EL-ESS
Service and Safety Standards, Ohio	:	
Administrative Code 4901:1-10-10	:	

**ANNUAL REPORT
OF THE THE TOLEDO EDISON COMPANY COMPANY**

Pursuant to Rule 10 of the Electric Service and Safety Standards, Ohio, Administrative Code 4901:1-10-10, ("TE") submits the following Annual Report. The Report is attached.

Report Date & Time: March 30, 2016 8:35 am

**FirstEnergy Companies
The Toledo Edison Company
Rule #10
2015
Distribution System Reliability Report**

FirstEnergy Companies
The Toledo Edison Company
Rule #10
2015
Distribution System Reliability Report

1. 4901:1-10-(C)(1)

CAIDI - Customer Average Interruption Duration
Index (In Minutes)

a.	b.	c.
CAIDI Performance Standard	CAIDI After Exclusions	CAIDI Before Exclusions
112.33	98.43	116.01

2. 4901:1-10-(C)(1)

SAIFI - System Average Interruption Frequency Index

a.	b.	c.
SAIFI Performance Standard	SAIFI After Exclusions	SAIFI Before Exclusions
1.00	0.62	0.86

**FirstEnergy Companies
The Toledo Edison Company
Rule #10
2015
Distribution System Reliability Report**

3. 4901:1-10-(C)(1) Supporting Data Report

a.	b.	c.	d.	e.
Number Of Customers Served	Number Of Customer Interruptions After Exclusions	Number Of Customer Interruptions Before Exclusions	Number Of Customer Minutes Interrupted After Exclusions	Number Of Customer Minutes Interrupted Before Exclusions
301,243	188,012	258,336	18,506,778	29,970,525

**FirstEnergy Companies
The Toledo Edison Company
Rule #10
2015
Distribution System Reliability Report**

4. 4901:1-10-10(C)(2) Major Event Outage (MEO)

a.	b.	c.	d.	e.	f.
Major Event Date	Major Event Description	Customers Interrupted During MEO	Customer Minutes Interrupted During MEO	CAIDI During MEO (in minutes)	SAIFI During MEO
05/26/2015		10,325	1,745,051	169.01	0.03
06/27/2015		17,194	7,315,427	425.46	0.06

Notes

Major event description is not required per Rule 4901:1-10-10.24

FirstEnergy Companies
The Toledo Edison Company
Rule #10
2015
Distribution System Reliability Report

5.a. 4901:1-10-10(C)(2) Transmission Circuit Interruption Supporting Data

1.	2.	3.	4.	5.	6.
Date Transmission Outage Began	Reference ID Of Transmission Circuit Impacted	Time Outage Occurred	Size (in kilovolts) Of Transmission Circuit Or Equipment Involved	Cause Of Outage Including Specific Type Of Equipment And/Or Facility Causing Interruption	Total Length Of Interruption (in minutes)
01/11/2015	50084 - 3028	1:29 pm	138	Transformer Failed	7,035
02/24/2015	50136 - 3168	1:02 pm	138	Static Wire	47,097
04/17/2015	50004 - 3006	3:57 pm	138	Switch Failure	727,602
05/07/2015	50089 - 3026	10:37 am	138	Unknown	79,849
05/11/2015	50146 - 3115	3:41 pm	69	Lightning	318,384
05/26/2015	50082 - 3025	6:06 pm	138	Pole Failure	244,376
05/28/2015	50054 - 3121	8:43 am	69	Loss of Supply	40,700
05/30/2015	50014 - 3127	8:09 pm	69	Static Wire	63,912
06/13/2015	50089 - 3026	4:04 am	138	Fall-ins (from outside ROW)	231,936

**FirstEnergy Companies
The Toledo Edison Company
Rule #10
2015
Distribution System Reliability Report**

5.a. 4901:1-10-10(C)(2) Transmission Circuit Interruption Supporting Data ... Continued ...

1.	2.	3.	4.	5.	6.
Date Transmission Outage Began	Reference ID Of Transmission Circuit Impacted	Time Outage Occurred	Size (in kilovolts) Of Transmission Circuit Or Equipment Involved	Cause Of Outage Including Specific Type Of Equipment And/Or Facility Causing Interruption	Total Length Of Interruption (in minutes)
06/26/2015	50033 - 31441	4:32 pm	69	Customer Equipment	4,510
07/05/2015	51012 - 30121	7:19 am	138	Human Error-Company	44,035
08/14/2015	50146 - 3115	11:50 pm	69	Equipment Failure	444,244

FirstEnergy Companies
The Toledo Edison Company
Rule #10
2015
Distribution System Reliability Report

5.b. 4901:1-10-10(C)(2) Distribution Circuits Impacted By Transmission Outage(s) Supporting Data

1.	2.	3.	4.	5.	6.	7.
Date The Transmission Outage Began	Customers Interrupted Per Transmission Outage	Customer Minutes Interrupted Per Transmission Outage	The Number Of Distribution Circuits Impacted	Circuit Reference ID For Each Of The Distribution Circuits Impacted By The Interruption	Customers Interrupted By Distribution Circuit Reference ID	Customer Minutes Interrupted By Distribution Circuit Reference ID
01/11/2015	1,005	7,035	1	50064 - 1286	1,005	7,035
02/24/2015	5,233	47,097	3	50022 - 1377 50022 - 1378 50022 - 1379	1,653 1,024 2,556	14,877 9,216 23,004
04/17/2015	6,998	727,602	5	50004 - 1330 50004 - 1331 50004 - 1332 50049 - 1246 50049 - 1248	1,324 1,413 1,189 1,429 1,643	99,300 105,975 89,175 201,489 231,663
05/07/2015	2,831	79,849	4	50089 - 1080 50089 - 1081 50089 - 1082	405 21 1,949	11,340 588 56,521

FirstEnergy Companies
The Toledo Edison Company
Rule #10
2015
Distribution System Reliability Report

5.b. 4901:1-10-10(C)(2) Distribution Circuits Impacted By Transmission Outage(s) Supporting Data ... Continued ...

1.	2.	3.	4.	5.	6.	7.
Date The Transmission Outage Began	Customers Interrupted Per Transmission Outage	Customer Minutes Interrupted Per Transmission Outage	The Number Of Distribution Circuits Impacted	Circuit Reference ID For Each Of The Distribution Circuits Impacted By The Interruption	Customers Interrupted By Distribution Circuit Reference ID	Customer Minutes Interrupted By Distribution Circuit Reference ID
				50089 - 1083	456	11,400
05/11/2015	5,257	318,384	6	50027 - 1277	591	36,051
				50027 - 1278	982	57,938
				50061 - 1159	861	52,521
				50061 - 1160	681	41,541
				50071 - 1389	1,813	110,593
				50071 - 2000	329	19,740
05/26/2015	2,687	244,376	2	50065 - 1118	1,273	117,116
				50065 - 1119	1,414	127,260
05/28/2015	220	40,700	1	50054 - 1445	220	40,700
05/30/2015	6,504	63,912	3	50038 - 1207	2,544	20,352
				50038 - 1208	1,587	17,457

FirstEnergy Companies
The Toledo Edison Company
Rule #10
2015
Distribution System Reliability Report

5.b. 4901:1-10-10(C)(2) Distribution Circuits Impacted By Transmission Outage(s) Supporting Data ... Continued ...

1.	2.	3.	4.	5.	6.	7.
Date The Transmission Outage Began	Customers Interrupted Per Transmission Outage	Customer Minutes Interrupted Per Transmission Outage	The Number Of Distribution Circuits Impacted	Circuit Reference ID For Each Of The Distribution Circuits Impacted By The Interruption	Customers Interrupted By Distribution Circuit Reference ID	Customer Minutes Interrupted By Distribution Circuit Reference ID
				50038 - 1209	2,373	26,103
06/13/2015	2,416	231,936	2	50073 - 1390 50073 - 1391	863 1,553	82,848 149,088
06/26/2015	205	4,510	1	50062 - 0710	205	4,510
07/05/2015	4,527	44,035	3	50088 - 1183 50088 - 1184 50088 - 1186	1,189 2,103 1,235	11,890 21,030 11,115
08/14/2015	4,020	444,244	5	50027 - 1277 50027 - 1278 50061 - 1160 50071 - 1389 50071 - 2000	590 1,026 270 1,803 331	5,310 9,234 149,850 239,799 40,051

**FirstEnergy Companies
The Toledo Edison Company
Rule #10
2015
Distribution System Reliability Report**

**FirstEnergy Companies
The Toledo Edison Company
Rule #10
2015
Distribution System Reliability Report**

5.c. 4901:1-10-10(C)(2) Index Values During Transmission Outage(s) Supporting Data

1.	2.	3.
Date Transmission Outage Began	CAIDI For Period Of Outage (minutes)	SAIFI For Period Of Outage
01/11/2015	7	0.00
02/24/2015	9	0.02
04/17/2015	104	0.02
05/07/2015	28	0.01
05/11/2015	61	0.02
05/26/2015	91	0.01
05/28/2015	185	0.00
05/30/2015	10	0.02
06/13/2015	96	0.01

**FirstEnergy Companies
The Toledo Edison Company
Rule #10
2015
Distribution System Reliability Report**

5.c. 4901:1-10-10(C)(2) Index Values During Transmission Outage(s) Supporting Data

... Continued ...

1.	2.	3.
Date Transmission Outage Began	CAIDI For Period Of Outage (minutes)	SAIFI For Period Of Outage
06/26/2015	22	0.00
07/05/2015	10	0.02
08/14/2015	111	0.01

**FirstEnergy Companies
The Toledo Edison Company
Rule #10
2015
Distribution System Reliability Report**

6.a. 4901:1-10-10(C)(3)(a) Data Excluding Major Events And Transmission Outages

Outage Cause	Events	Customers Interrupted	Customer Minutes Interrupted
Animal	661	8,931	699,593
Bird	147	4,557	395,622
Customer Equipment	3	655	130,256
Equipment Failure	884	63,943	6,545,492
Fire	3	26	1,900
Forced Outage	67	16,292	620,723
Human Error-Company	12	2,978	64,580
Human Error-Non Company	14	1,052	75,230
Ice	1	1	26
Lightning	95	2,622	281,892
Line Failure	335	20,785	2,165,103
Object Contact with Line	13	4,185	178,873
Overload	6	143	15,338
Planned Outage	33	1,771	171,399
Previous Lightning	4	49	5,411
Switching Error	1	549	3,843
Trees - Sec/Service	156	461	110,707
Trees Off ROW-Limb	162	12,882	1,830,891

**FirstEnergy Companies
The Toledo Edison Company
Rule #10
2015
Distribution System Reliability Report**

6.a. 4901:1-10-10(C)(3)(a) Data Excluding Major Events And Transmission Outages

... Continued ...

Outage Cause	Events	Customers Interrupted	Customer Minutes Interrupted
Trees Off ROW-Tree	129	12,311	2,001,680
Trees On ROW	26	1,453	175,860
UG-Dig-Up	9	202	29,089
Unknown	319	11,581	1,181,364
Vandalism	7	16	1,145
Vehicle	109	20,386	1,783,656
Wind	1	181	37,105

FirstEnergy Companies
The Toledo Edison Company
Rule #10
2015
Distribution System Reliability Report

6.b. 4901:1-10-10(C)(3)(b) Data For Major Events Only

Outage Cause	Events	Customers Interrupted	Customer Minutes Interrupted
Animal	5	22	2,344
Bird	0	0	0
Customer Equipment	2	2	2,896
Equipment Failure	49	7,328	1,274,760
Fire	0	0	0
Forced Outage	3	3,451	146,748
Human Error-Company	0	0	0
Human Error-Non Company	0	0	0
Ice	0	0	0
Lightning	5	45	56,383
Line Failure	13	1,679	547,287
Object Contact with Line	0	0	0
Overload	0	0	0
Planned Outage	1	26	4,316
Previous Lightning	1	1	65
Switching Error	0	0	0
Trees - Sec/Service	54	311	305,212

**FirstEnergy Companies
The Toledo Edison Company
Rule #10
2015
Distribution System Reliability Report**

6.b. 4901:1-10-10(C)(3)(b) Data For Major Events Only

... Continued ...

Outage Cause	Events	Customers Interrupted	Customer Minutes Interrupted
Trees Off ROW-Limb	55	6,018	1,567,983
Trees Off ROW-Tree	54	5,726	2,786,497
Trees On ROW	59	2,558	2,127,421
UG-Dig-Up	0	0	0
Unknown	9	209	45,391
Vandalism	0	0	0
Vehicle	0	0	0
Wind	18	143	193,175

FirstEnergy Companies
The Toledo Edison Company
Rule #10
2015
Distribution System Reliability Report

6.c. 4901:1-10-10(C)(3)(c) Data For Transmission Outages Only

Outage Cause	Events	Customers Interrupted	Customer Minutes Interrupted
Animal	0	0	0
Bird	0	0	0
Customer Equipment	3	4,527	44,035
Equipment Failure	15	13,952	1,523,650
Fire	0	0	0
Forced Outage	0	0	0
Human Error-Company	1	205	4,510
Human Error-Non Company	0	0	0
Ice	0	0	0
Lightning	1	591	36,051
Line Failure	7	11,770	144,900
Object Contact with Line	0	0	0
Overload	0	0	0
Planned Outage	0	0	0
Previous Lightning	0	0	0
Switching Error	0	0	0
Trees - Sec/Service	0	0	0

**FirstEnergy Companies
The Toledo Edison Company
Rule #10
2015
Distribution System Reliability Report**

6.c. 4901:1-10-10(C)(3)(c) Data For Transmission Outages Only

... Continued ...

Outage Cause	Events	Customers Interrupted	Customer Minutes Interrupted
Trees Off ROW-Limb	1	220	40,700
Trees Off ROW-Tree	0	0	0
Trees On ROW	0	0	0
UG-Dig-Up	0	0	0
Unknown	15	11,540	609,423
Vandalism	0	0	0
Vehicle	0	0	0
Wind	0	0	0

7. 4901:1-10-(C)(4) Momentary Interruptions

Total Number = 576

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

3/31/2016 3:41:16 PM

in

Case No(s). 16-0009-EL-ESS

Summary: Application Annual Report of FirstEnergy Companies filed pursuant to Rule 10 of the Electric Service and Safety Standards, Ohio Administrative Code 4901:1-10-10 electronically filed by Ms. Tamera J Singleton on behalf of FirstEnergy Corp and Burk, James W. Mr.