



Regulatory Operations

March 28, 2014

Docketing Division
The Public Utilities Commission of Ohio
180 East Broad Street, 11th Floor
Columbus, Ohio 43215

Re: Case No. 14-0369-EL-ESS

Docketing Division:

Pursuant to Rule 10 of the Electric Service and Safety Standards, Ohio Administrative Code 4901:1-10-10(C), The Dayton Power and Light Company herewith electronically submits its Annual Report.

Thank you for your assistance and your attention to this matter. If you have any questions please feel free to call me at (937) 259-7906.

Sincerely,

A handwritten signature in blue ink, appearing to read "Robert Adams".

Robert Adams
Regulatory Operations

BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Annual Report of
Pursuant to Rule 10 of the Electric
Service and Safety Standards, Ohio
Administrative Code 4901:1-10-10

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Case No. 14-0369-EL-ESS

ANNUAL REPORT
OF THE DAYTON POWER AND LIGHT CO COMPANY

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

Report Date & Time: March 17, 2014 4:05 pm

DPL Inc
Dayton Power and Light Co
Rule #10
2013
Distribution System Reliability Report

George E. Sykes 3/17/2014

W. L. W. 3/20/2014

W. L. W. 3-24-2014

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

CAIDI - Customer Average Interruption Duration
Index (ln Minutes)

a.	b.	c.
CAIDI Performance Standard	CAIDI After Exclusions	CAIDI Before Exclusions
125.04	110.51	148.11

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

SAIFI - System Average Interruption Frequency Index

a.	b.	c.
SAIFI Performance Standard	SAIFI After Exclusions	SAIFI Before Exclusions
0.88	0.70	0.86

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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
572,677	399,705	492,487	44,169,445	72,941,491

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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
07/10/2013	Thunderstorm and high winds	53,396	19,924,265	373.14	1.00
10/31/2013	Wind Storm	15,115	6,773,458	448.13	1.00

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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)
01/15/2013	Garage Road {T} - Garage Road - New Westville [3302]	12:00 am	33	Equipment/Hardware Failure	257,187
02/12/2013	Greenville {T} - Greenville - West Manchester [6643]	12:00 am	69	Equipment/Hardware Failure	4,223
04/18/2013	Transmission Bus - Transmission Bus	12:00 am	12	Transmission Trouble	31,811
04/18/2013	Transmission Bus - Transmission Bus	12:00 am	12	Transmission Trouble	49,036

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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)
05/21/2013	Kings Creek {T} - Kings Creek - Marysville [6660]	12:00 am	69	Other Electric Utility	86,632
06/01/2013	Garage Road {T} - Garage Road - New Westville [3302]	12:00 am	33	Equipment/Hardware Failure	151,276
07/10/2013	Coldwater {T} - Coldwater - Rossburg [6684]	12:00 am	69	High Winds	557,311
07/10/2013	Transmission Bus - Transmission Bus	12:00 am	12	Transmission Trouble	504,329

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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)
08/16/2013	Jamestown {T} - Jamestown - Washington C.H. [6902]	12:00 am	69	Vehicle Accident/Auto Damage	141,601
10/03/2013	Trebein {T} - Trebein - Yellow Springs [6659]	12:00 am	69	Lightning	462
11/17/2013	Sidney {T} - Sidney - Botkins [6631]	12:00 am	69	Lightning	290,455

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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
01/15/2013	1,432	257,187	1	New Westville (D) - MB1201	1,432	257,187
02/12/2013	152	4,223	2	Hursch Road - LA1201	130	3,473
				Hursch Road - LA1201	22	750
04/18/2013	2,447	31,811	2	Brookville - ME1202	708	9,204
				Brookville - ME1204	1,739	22,607
04/18/2013	3,772	49,036	2	Brookville - ME1201	1,759	22,867
				Brookville - ME1203	2,013	26,169
05/21/2013	952	86,632	1	Woodstock - CI1211	952	86,632
06/01/2013	1,434	151,276	2	New Westville (D) - MB1201	869	51,271
				New Westville (D) - MB1201	565	100,005
07/10/2013	2,079	557,311	3	Ft. Recovery - KG1201	725	194,348
				Ft. Recovery - KG1203	414	110,980

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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
07/10/2013	3,047	504,329	1	Indian Lake {D} - EG1207	3,047	504,329
08/16/2013	3,856	141,601	6	Jamestown {D} - GH1204	1,124	47,939
				Jeffersonville - JE1202	1,184	40,591
				Jeffersonville - JE1204	1	34
				Jeffersonville - JE1206	843	28,901
				Jeffersonville - JE1208	275	9,428
				Jeffersonville - JE1210	429	14,708
10/03/2013	50	462	1	Yellow Springs {D} - GC1203	50	462
11/17/2013	5,050	290,455	4	Botkins {D} - BI1201	570	41,315
				Cisco - BJ1202	2,295	127,640
				Cisco - BJ1204	1,376	76,506

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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
				Cisco - BJ1206	809	44,994

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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
01/15/2013	180	0.00
02/12/2013	28	0.00
04/18/2013	13	0.00
04/18/2013	13	0.01
05/21/2013	91	0.00
06/01/2013	105	0.00
07/10/2013	268	0.00
07/10/2013	166	0.01
08/16/2013	37	0.01

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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
10/03/2013	9	0.00
11/17/2013	58	0.01

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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/Bird	2,449	27,210	2,049,951
Cold Load Pickup	1	54	7,501
Equipment/Hardware Failure	2,021	104,193	13,096,429
Forced Outage	332	50,627	2,579,502
High Winds	391	13,116	2,922,187
Ice/Sleet/Snow	120	3,508	836,457
Lightning	1,223	40,731	5,515,474
Other	31	3,728	253,304
Other Electric Utility	1	1	296
Overload	40	2,132	98,473
Personnel Error	34	1,707	75,608
Scheduled/Planned Outage	2,192	26,363	1,984,535
Transmission Trouble	0	0	0
Tree Trimmers, Company	19	3,034	120,982
Tree Trimmers, Customer	82	10,065	633,524
Trees Inside ROW	209	14,798	1,770,143
Trees Out of ROW	521	24,966	3,590,262
UG, Const./Dig-Ins	92	1,719	187,023

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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
Unknown	966	31,043	2,886,572
Vandalism	36	119	30,906
Vehicle Accident/Auto Damage	278	40,571	5,524,736
Water/Moisture	3	20	5,579

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

Outage Cause	Events	Customers Interrupted	Customer Minutes Interrupted
Animal/Bird	11	11	2,091
Cold Load Pickup	0	0	0
Equipment/Hardware Failure	59	1,507	480,246
Forced Outage	6	1,675	541,866
High Winds	344	43,711	16,347,125
Ice/Sleet/Snow	0	0	0
Lightning	155	6,539	2,935,676
Other	1	1	1,522
Other Electric Utility	0	0	0
Overload	0	0	0
Personnel Error	1	1	320
Scheduled/Planned Outage	23	176	7,337
Transmission Trouble	0	0	0
Tree Trimmers, Company	0	0	0
Tree Trimmers, Customer	0	0	0
Trees Inside ROW	85	6,498	3,966,885
Trees Out of ROW	109	5,029	2,090,473

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

Outage Cause	Events	Customers Interrupted	Customer Minutes Interrupted
UG, Const./Dig-Ins	0	0	0
Unknown	9	2,557	297,508
Vandalism	0	0	0
Vehicle Accident/Auto Damage	3	75	19,365
Water/Moisture	1	731	7,310

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

Outage Cause	Events	Customers Interrupted	Customer Minutes Interrupted
Animal/Bird	0	0	0
Cold Load Pickup	0	0	0
Equipment/Hardware Failure	3	3,018	412,686
Forced Outage	0	0	0
High Winds	1	2,079	557,311
Ice/Sleet/Snow	0	0	0
Lightning	2	5,100	290,917
Other	0	0	0
Other Electric Utility	1	952	86,632
Overload	0	0	0
Personnel Error	0	0	0
Scheduled/Planned Outage	0	0	0
Transmission Trouble	3	9,266	585,176
Tree Trimmers, Company	0	0	0
Tree Trimmers, Customer	0	0	0
Trees Inside ROW	0	0	0
Trees Out of ROW	0	0	0

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

Outage Cause	Events	Customers Interrupted	Customer Minutes Interrupted
UG, Const./Dig-Ins	0	0	0
Unknown	0	0	0
Vandalism	0	0	0
Vehicle Accident/Auto Damage	1	3,856	141,601
Water/Moisture	0	0	0

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

Total Number = 665

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

3/28/2014 3:22:36 PM

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Case No(s). 14-0369-EL-ESS

Summary: Annual Report for Rule 4901:1-10-10 Electric Distribution System Reliability for 2013 electronically filed by Mr. Robert J Adams on behalf of The Dayton Power and Light Company