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March 26, 2009

Overnight Filing

Betty McCauley – Docketing Division Public Utilities Commission of Ohio 180 East Broad Street Columbus, Ohio 43215

Re: Case No. 09-1000-EL-UNC

Dear Ms. McCauley:

Enclosed please find the original plus fifteen (15) copies of The Dayton Power and Light Company's supplement to its Annual System Improvement Plan pursuant to §4901:1-10-26 O.A.C.

Thank you for your assistance and your attention to this matter.

Mahan

Sincerely,

Kelly Millhouse

Manager, Reliability Operations

Dayton Power & Light

Enclosure

THE PUBLIC UTILITIES COMMISSION OF OHIO

2009 MAR 27 PM 12: 04

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In the Matter of the Annual Report of

Dayton Power and Light

Pursuant to Rule 26 of the Electric Service and Safety Standards, Ohio

Administrative Code 4901:1-10-26

Case No. 09-1000-EL-UNC

ANNUAL REPORT OF THE DAYTON POWER AND LIGHT COMPANY

4901:1-10-26, Dayton Power and Light ("DPL") submits the following Annual Report. The Report is Pursuant to Rule 26 of the Electric Service and Safety Standards, Ohio, Administrative Code

pursuant to Rule 26 of the Electric Service and Safety Standards, Ohio, Administrative Code 4901:1-10-26 We/I certify that the following Report accurately and completely reflects the Annual Report requirements

Bryce Nickel, Vice President, Transmission and Distribution

Operations

Responsible For Transmission & Distribution Reporting

Report Date & Time: March 16, 2009 4:50 pm

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

1. 4901:1-10-26 (B)(1)(a)&(b)&(c) Future investment plan for facilities and equipment (covering period of no less than three years)

Electric Service And Safety Standards

1. 4901:1-10-26 (B)(1)(a)&(b)&(c) Future investment plan for facilities and equipment (covering period of no less than three years) ... Continued ...

	σ.	?	a.	p .		a	h	<u>-</u> -
Identification of project/program or plan by facility, equipment, or project name	Transmission or distribution ("T" or "D")	Description of project/program and goals of planned investment	Portion of service territory effected	Characteristics of territory effected	Estimated cost for implementation	Date of initiation of program or project	Expected completion date	Changes to previous year's plan or project
Adding new circuit out of Yankee Substation (RH1215)	D	Growth from Austin Pike interchange	Centerville/ Miamisburg	Commercial/ Industrial	475,000	01/01/2010	06/30/2010	
Build new substation south of Eaton	D	Heavy loading at Garage Rd Sub	Eaton	Various	2,600,000	01/01/2011	06/30/2011	
Complete repairs, upgrades or other reliability improvements to least-reliable branch-lines	D	Reliability Action Plan	Various	Various	500,000	01/01/2008	12/31/2008	
Complete repairs, upgrades or other reliability improvements to least-reliable branch-lines	D	Reliability Action Plan	Various	Various	500,000	01/01/2010	12/31/2010	

1. 4901:1-10-26 (B)(1)(a)&(b)&(c) Future investment plan for facilities and equipment (covering period of no less than three years) Transmission distribution ("T" or "D") O Q O planned investment project/program Reliability Action Reliability Action Reliability Action Description of and goals of Plan Plan Plan Portion of territory Bervice Various Various effected **Various** Characteristics of territory Various Various effected Various Estimated cost implementation

500,000

01/01/2011

12/31/2011

upgrades or other Complete repairs,

reliability

improvements to

least-reliable

branch-lines

... Continued ...

Electric Service And Safety Standards

Dayton Power and Light

DPL Inc

Rule #26

project/program or

plan by facility, equipment, or

project name

Identification of

upgrades or other Complete repairs

500,000

01/01/2009

12/31/2009

program or

project

initiation of

completion

date

year's plan or

previous

project

Date of

Expected

Changes to

improvements to

reliability

least-reliable

branch-lines

Report Date & Time: March 16, 2009 4:50 pm

upgrades or other Complete repairs,

500,000

01/01/2012

12/31/2012

reliability

improvements to

least-reliable

branch-lines

Dayton Power and Light Rule #26 **DPL** Inc

Electric Service And Safety Standards

	1. 4901:1-10-26 (B)(1)(a Continued	*)&(b)&(c)	4901:1-10-26 (B)(1)(a)&(b)&(c) Future investment plan for facilities and equipment (covering period of no less than three years) Continued	acilities and e	quipment (cover	ing period of no la	ss than three	years)	
_	3	ъ.	C.	ф.	e.	- *	Q.	₽	i
	Identification of project/program or plan by facility, equipment, or project name	Transmission or distribution ("T" or "D")	Description of project/program and goals of planned investment	Portion of service territory effected	Characteristics of territory effected	Estimated cost for implementation	Date of initiation of program or project	Expected completion date	Changes to previous year's plan or project
	Complete repairs, upgrades or other reliability improvements to least-reliable circuits	D	Overhead Reliability Program	Various	Various	1,000,000	01/01/2012	12/31/2012	
	Complete repairs, upgrades or other reliability improvements to least-reliable circuits	D	Overhead Reliability Program	Various	Various	1,000,000	01/01/2011	12/31/2011	
	Complete repairs, upgrades or other reliability improvements to least-reliable circuits	D	Overhead Reliability Program	Various	Various	1,000,000	01/01/2009	12/31/2009	

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

1. 4901:1-10-26 (B)(1)(a)&(b)&(c) Future investment plan for facilities and equipment (covering period of no less than three years) ... Continued ...

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Identification of project/program or plan by facility, equipment, or project name	Transmission or distribution ("T" or "D")	Description of project/program and goals of planned investment	Portion of service territory effected	Characteristics of territory effected	Estimated cost for implementation	Date of initiation of program or project	Expected completion date	Changes to previous year's plan or project
Complete repairs, upgrades or other reliability improvements to least-reliable circuits	ם	Overhead Reliability Program	Various	Various	1,000,000	01/01/2010	12/31/2010	
Complete repairs, upgrades or other reliability improvements to least-reliable circuits	D	Overhead Reliability Program	Various	Various	1,000,000	01/01/2008	12/31/2008	
Increase capacity by installing parallel riser	D	Heavy loading on Hoover circuit AV1227	West Dayton	Urban	100,000	06/12/2008	06/23/2008	
Inspect distribution poles and repair/replace poles as necessary	D	Distribution Pole Inspection and Replacement Program	Various	Various	3,000,000	01/01/2011	12/31/2011	

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

1. 4901:1-10-26 (B)(1)(a)&(b)&(c) <u>Future investment plan for facilities and equipment (covering period of no less than three years)</u> ... Continued ...

	rej _	19	<u> </u>	_	
Inspect distribution poles and repair/replace poles as	Inspect distribution poles and repair/replace poles as necessary	Inspect distribution poles and repair/replace poles as necessary	Inspect distribution poles and repair/replace poles as necessary	Identification of project/program or pian by facility, equipment, or project name	
D	D	D	D	Transmission or distribution ("T" or "D")	5
Distribution Pole Inspection and Replacement Program	Distribution Pole Inspection and Replacement Program	Distribution Pole Inspection and Replacement Program	Distribution Pole Inspection and Replacement Program	Description of project/program and goals of planned investment	,
Various	Various	Various	Various	Portion of service territory effected	
Various	Various	Various	Various	Characteristics of territory effected	•
3,000,000	3,000,000	3,000,000	3,000,000	Estimated cost for implementation	*
01/01/2012	01/01/2008	01/01/2010	01/01/2009	Date of initiation of program or project	2
12/31/2012	12/31/2008	12/31/2010	12/31/2009	Expected completion date	,
				Changes to previous year's plan or project	

DPL inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

1. 4901:1-10-26 (B)(1)(a)&(b)&(c) Future investment plan for facilities and equipment (covering period of no less than three years) ... Continued ...

						Inspection		poles and repair or
	12/31/2009	01/01/2009	1,000,000	Various	Various	Transmission Pole	-1	Inspect transmission
								replace as necessary
						Inspection		poles and repair or
	12/31/2010	01/01/2010	400,000	Various	Various	Transmission Pole	4	inspect transmission
								replace as necessary
						Inspection		poles and repair or
	12/31/2008	01/01/2008	1,000,000	Various	Various	Transmission Pole	4	Inspect transmission
								replace as necessary
						inspection		poles and repair or
	12/31/2012	01/01/2012	1,000,000	Various	Various	Transmission pole	4	Inspect transmission
								project name
project		project			effected	planned investment	("T" or "D")	equipment, or
year's plan or	date	program or	implementation	effected	territory	and goals of	distribution	plan by facility,
previous	completion	initiation of	ō,	of territory	service	project/program	옥	project/program or
Changes to	Expected	Date of	Estimated cost	Characteristics	Portion of	Description of	Transmission	Identification of
_	7	P	,-h	P	<u> </u>	,	7	<u>.</u>

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

1. 4901:1-10-26 (B)(1)(a)&(b)&(c) Future investment plan for facilities and equipment (covering period of no less than three years) ... Continued ...

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Identification of project/program or plan by facility, equipment, or project name	Transmission or distribution {"T" or "D"}	Description of project/program and goals of planned investment	Portion of service territory effected	Characteristics of territory effected	Estimated cost for implementation	Date of initiation of program or project	Expected completion date	Changes to previous year's plan or project
Install new capacitors and controls to optimize reactive supply on circuits	D	Capacitor Program	Various	Various	500,000	04/01/2011	12/31/2011	
Install new capacitors and controls to optimize reactive supply on circuits	D	Capacitor Program	Various	Various	1,100,000	01/01/2009	12/31/2009	
Install new capacitors and controls to optimize reactive supply on circuits	D	Capacitor Program	Various	Various	200,000	04/01/2008	12/30/2008	
Install new capacitors and controls to optimize reactive supply on circuits.	D	Capacitor Program	Various	Various	500,000	04/01/2010	12/31/2010	

Electric Service And Safety Standards

1. 4901:1-10-26 (B)(1)(a)&(b)&(c) Future investment plan for facilities and equipment (covering period of no less than three years) ... Continued ...

	12/31/2008	01/01/2008	200,000	Various	Various	Transmission Breaker Replacements	7	Replace breakers as needed
	12/31/2010	01/01/2010	200,000	Various	Various	Transmission Breaker Replacements	Т	Replace breakers as needed
	05/10/2008	03/24/2008	270,000	Various	Various	Increased loading on Rockford Substation	D	Replace 10 MVA transformer with a 20 MVA transformer
	06/30/2008	03/01/2008	140,000	Urban/Rural	Wilmington area	Heavy loading on Columbus St circuit HF1203	0	Reconductor section of HF1203 to increase capacity
	12/31/2012	04/01/2012	500,000	Various	Various	Capacitor Program	D	Install new capacitors and controls to optimize reactive supply on circuits.
Changes to previous year's plan or project	Expected completion date	Date of initiation of program or project	Estimated cost for implementation	Characteristics of territory effected	Portion of service territory effected	Description of project/program and goals of planned investment	Transmission or distribution ("T" or "D")	Identification of project/program or plan by facility, equipment, or project name
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Report Date & Time: March 16, 2009 4:50 pm

Electric Service And Safety Standards Rule #26 2008

1. 4901:1-10-26 (B)(1)(a)&(b)&(c) Future investment plan for facilities and equipment (covering period of no less than three years) ... Continued ...

Dayton Power and Light

DPL Inc

identification of project/program or plan by facility, equipment, or	b. Transmission or distribution ("T" or "D")	C. Description of project/program and goals of planned investment	d. Portion of service territory effected	e. Characteristics of territory effected	f. Estimated cost for implementation	Date of initiation of program or project	h. Expected completion date	i. Changes to previous year's plan or project
Replace breakers as needed	Т	Transmission Breaker Replacements	Various	Various	200,000	01/01/2009	12/31/2009	
Replace breakers as needed	7	Transmission Breaker Replacements	Various	Various	200,000	01/01/2011	12/31/2011	
Replace breakers as needed	Т	Transmission Breaker Replacements	Various	Various	200,000	01/01/2012	12/31/2012	
Replace existing 20 MVA transformer with a 30 MVA transformer	D	Increased loads at Greenville Substation	Greenville	Various	900,000	01/07/2008	03/30/2008	
Replace existing transformer with 20 MVA transformer	D	Increased loading at Darby Substation	Marysville	Urban	200,000	01/01/2010	06/01/2010	

Dayton Power and Light Rule #26 DPL Inc

Electric Service And Safety Standards

1. 4901:1-10-26 (B)(1)(a)&(b)&(c) <u>Future investment plan for facilities and equipment (covering period of no less than three years)</u> ... Continued ...

Identification of project/program or plan by facility, equipment, or project name Replace existing transformer with 20	b. Transmission or distribution ("T" or "D")	Description of project/program and goals of planned investment increased loading at Darby Substation	d. Partion of service territory effected Marysville	e. Characteristics of territory effected	Estimated cost for implementation	Date of initiation of program or project	Expected completion date
Replace existing transformer with 20 MVA transformer	D	Increased loading at Darby Substation	Marysville	Urban	200,000	02/01/2009	03/3
Replace obsolete monitoring equipment with new RTU's that also provide control functions	D	RT∪ Installation Program	Various	Various	500,000	04/01/2011	12/31/2011
Replace obsolete monitoring equipment with new RTU's that also provide control functions	D	RT∪ Installation Program	Various	Various	500,000	04/01/2009	12/31/2009

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

1. 4901:1-10-26 (B)(1)(a)&(b)&(c) Future investment plan for facilities and equipment (covering period of no less than three years) ... Continued ...

	12/31/2008	01/01/2008	500,000	Various	Various	Air break switch replacement	O	Replace old style air break switches
	12/31/2012	04/01/2012	500,000	Various	Various	RTU Installation Program	D	Replace obsolete monitoring equipment with new RTU's that also provide control functions
	11/06/2008	01/01/2008	500,000	Various	Various	RT∪ Installation Program	D	Replace obsolete monitoring equipment with new RTU's that also provide control functions
	12/31/2010	04/01/2010	500,000	Various	Various	RTU Installation Program	D	Replace obsolete monitoring equipment with new RTU's that also provide control functions
Changes to previous year's plan or project	Expected completion date	Date of initiation of program or project	f. Estimated cost for implementation	e. Characteristics of territory effected	d. Portion of service territory effected	c. Description of project/program and goals of planned investment	b. Transmission or distribution {"T" or "D"}	Identification of project/program or plan by facility, equipment, or project name
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Report Date & Time: March 16, 2009 4:50 pm

Page 13 of 90

Case No. 09-1000-EL-UNC

DPL Inc Dayton Power and Light Rule #26 2008

Electric Service And Safety Standards

1. 4901:1-10-26 (B)(1)(a)&(b)&(c) Future investment plan for facilities and equipment (covering period of no less than three years) ... Continued ...

\prod						
B	Identification of project/program or plan by facility, equipment, or project name	Replace old style air break switches	Replace or inject old bare neutral primary cable	Replace or inject old bare neutral primary cable		Replace or inject old bare neutral primary cable
b.	Transmission or distribution ("T" or "D")	Q	D	D	D	
Ġ.	Description of project/program and goals of planned investment	Air break switch replacement	Cable Replacement Program	Cable Replacement Program	Cable Replacement Program	
d.	Portion of service territory effected	Various	Various	Various	Various	
e.	Characteristics of territory effected	Various	Various	Various	Various	
f	Estimated cost for implementation	250,000	4,000,000	4,000,000	4,000,000	
	Date of Initiation of program or project	01/01/2009	01/01/2009	01/01/2010	01/01/2008	01/01/2012
ħ	Expected completion date	12/31/2009	12/31/2009	12/31/2010	12/31/2008	12/31/2012
i	Changes to previous year's plan or project					

Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

DPL Inc

1. 4901:1-10-26 (B)(1)(a)&(b)&(c) Future investment plan for facilities and equipment (covering period of no less than three years) ... Continued ...

a. Identification of project/program or plan by facility, equipment, or project name	b. Transmission or distribution ("T" or "D")	c. Description of project/program and goals of planned investment	Portion of sarvice territory effected	e. Characteristics of territory effected	f. Estimated cost for implementation	Date of initiation of program or project	h. Expected completion data	Changes to previous year's plan or project
Replace or inject old bare neutral primary cable.	D	Cable Replacement Program	Various	Various	4,000,000	01/01/2011	12/31/2011	
Replaced 6.25 MVA transformer with a 10 MVA transformer	0	Increased loading at Gettysburg Substation	Various	Various	235,000	03/17/2008	04/30/2008	
Replacing/upgrading sectionalizing switches	Т	Transmission Sectionalizing Switches	Various	Various	240,000	01/01/2010	12/31/2010	
Replacing/upgrading sectionalizing switches	Т	Transmission Sectionalizing Switches	Various	Various	240,000	01/01/2009	12/31/2009	<u>-</u>
Replacing/upgrading sectionalizing switches	7	Transmission Sectionalizing Switches	Various	Various	235,000	01/01/2011	12/31/2011	

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

1. 4901:1-10-26 (B)(1)(a)&(b)&(c) Future investment plan for facilities and equipment (covering period of no less than three years) ... Continued ...

	12/01/2009	05/01/2009	1,600,000	Various	Various	Heavy loaded circuits from Webb Road Substation	D	∪pgrade Substation
	12/31/2012	01/01/2012	500,000	Various	Various	Transmission Relay Upgrade	1	Replacing/upgrading transmission relays
	12/31/2010	01/01/2010	500,000	Various	Various	Transmission Relay ∪pgrade	Ţ	Replacing/upgrading transmission relays
	12/31/2009	01/01/2009	500,000	Various	Various	Transmission Relay Upgrade	Т	Replacing/upgrading transmission relays
	12/31/2011	01/01/2011	500,000	Various	Various	Transmission Relay Upgrade	Т	Replacing/upgrading transmission relays
Changes to previous year's plan or project	Expected completion date	Date of initiation of program or project	Estimated cost for implementation	Characteristics of territory effected	Portion of service territory effected	Description of project/program and goals of planned investment	D. Transmission or distribution ("T" or "D")	Identification of project/program or plan by facility, equipment, or project name
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Electric Service And Safety Standards Dayton Power and Light Rule #26 2008 DPL Inc

1.a 4901:1-10-26 (B)(1)(a)&(b)&(c) Future investment plan for facilities and equipment (covering period 2008 to 2012)

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\$1,685,000	\$13,386,000	Planned	2008
\$1,200,000	\$12,976,000	Actual	08
\$1,940,000	\$12,400,000	Planned	2009
\$1,340,000	\$11,075,000	Projected	2010
\$1,335,000	\$12,100,000	Projected	2011
1,700,000	11,770,000	Projected	2012

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

2. 4901:1-10-26 (B)(1)(d)&(e) Complaints from other entities

Complaint(s) from other electric utility companies, regional transmission entity, or competitive retail electric supplier(s) (list individually)	53
Date complaint received	b.
Nature of complaints	c.
Action taken to address complaint	ď.
Complaint resolved (Yes or No)	e.
Date resolved	f.
If unresolved give explanation why	g.

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

3. 4901:1-10-26 (B)(2) Report of implementation plan from previous reporting period

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Identification of previously planned action	Transmission or Distribution ("T" or "D")	Planned completion date	Actual completion date of action	Identification of deviation(s) from goals of previous plan	Reason(s) for each identified deviation
Add 18 MVAR bank.	. Т	06/30/2009		Project canceled	Installed 12KV capacitors
Add 30 MVAR bank	Т	06/30/2008		Project canceled	Installed 12KV capacitors
Add third transformer at Northridge Sub	D	06/01/2012		Project delayed	Anticipated load growth did not develop
Install new circuit from Air Park Sub to DHL	D	06/01/2009		Project canceled	DHL no longer in business
Reconductor circuit to increase capacity	٥	06/01/2008		Project canceled	Reduced load from REA

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

3. 4901:1-10-26 (B)(2) Report of implementation plan from previous reporting period

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Identification of previously planned action	Transmission or Distribution ("T" or "D")	Planned completion date	Actual completion date of action	identification of deviation(s) from goals of previous plan	
Reconductor to 477 conductor to increase capacity	D	06/01/2008		Project canceled	Anticipated load growth did not develop
Reconductor with 795 ACSR	Т	12/31/2010		Project canceled	Increased emergency rating of circuit after performing an engineering study
Replace existing 20 MVA transformer with a 30 MVA transformer	D	06/01/2010		Project delayed	Not required at this time - continue to monitor for growth
Replace existing 20 MVA transformer with a 30 MVA transformer	D	06/01/2012		Project delayed	Not required at this time - continue to monitor for growth
Replace existing transformer with a 30 MVA transformer	D	06/01/2012		Project delayed	Anticipated load growth did not develop

DPL Inc Dayton Power and Light Rule #26 2008

Electric Service And Safety Standards

4. 4901:1-10-26 (B)(3)(a) Characterization of condition of company's system

D A review of Dayton Power & Light's historical reliability performance clearly shows the distribution system to be in excellent condition.	T System reliability performance is a good indicator of the physical condition of the system and industry standard measures show that system performance is consistently reliable.	Type of Qualitative characterizat System	
rical reliability performance se in excellent condition.	indicator of the physical idard measures show that ble.	a. Qualitative characterization of condition or system	
The performance of the electric system over a period of several years is reflective of its physical condition. Consistently safe and reliable service can only be achieved through a well-maintained distribution system. System level reliability performance is tracked on a monthly basis and reported annually as required by O.A.C. 4901:1-10-10.	DP&L's transmission has the capacity to meet projected loading. System Operating monitors the condition of the transmission system on a daily basis. Any findings that may impact safety or reliability are immediately addressed.	b. Explanation of criteria used in making assessment for each characterization	

Electric Service And Safety Standards

5. 4901:1-10-26 (B)(3)(b) Safety and reliability complaints

D	Type of system	
362	Total number of safety & reliability complaints received directly from customers	e.

Electric Service And Safety Standards

5.a 4901:1-10-26 (B)(3)(b) Safety and reliability complaints detailed report

		Γ
ם	Type of system	
0	Availability of service	1.
15	Damage	2.
22	Momentary Interruption	3.
303	Out of service	4.
18	Quality of utility product	6.
з	Repair service	6.
-	Public safety	7.

Zotes

Severe weather throughout the year increased Out of Service customer concerns in 2008. The impact of the March ice storm as well as Hurricane Ike and storm clean up increased customer sensitivity to service interruptions. DP&L will closely monitor this type of call in 2009 for an increase over historical numbers.

Electric Service And Safety Standards

6. 4901:1-10-26 (B)(3)(c) <u>Transmission expenditures</u>

\$378,682,749	Total transmission investment dollars	\$
\$2,484,410	Dollars spent for transmission construction	þ.
0.66%	Ratio of expenditures to total transmission investment	ç
\$3,368,933	Dollars spent for transmission maintenance	ď.
%68.0	Ratio of expenditures to total transmission investment	e .

Electric Service And Safety Standards

7. 4901:1-10-28 (B)(3)(c) Distribution expenditures

\$1,166,164,597	Total distribution investment dollars	ps.
\$42,390,075	Dollars spent for distribution construction	ъ.
3.63%	Ratio of expenditures to total distribution investment	c.
\$26,198,281	Dollars spent for distribution maintenance	d.
2.25%	Ratio of expenditures to total distribution investment	e.

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

_							
ņ	Transmission or distribution ("T" or "D")	D	D	D	D	D	D
ь.	Asset Type	Installations on Customer Premises	Installations on Customer Premises	Leased Property on Customer Premises	Line Transformers	Meters	Overhead Conductors and Devices
C.	Asset's assigned FERC subaccount (acount/sub account)	371	371	372	368	370	365
ď	Total depreciable life of asset	20.00	50.00	40.00	44.00	32.00	40.00
e.	Total depreciated life of asset	15.00	37.00	32.00	16.00	14.00	19.00
Ť	Total remaining life of asset	5.00	13.00	8.00	28.00	18.00	21.00
Ģ	Percent of average remaining depreciation life of asset	0.25	0.26	0.20	0.64	0.56	0.53
h.	Depreciation of how age was determined	Net Plant/Gross Plant	Net Plant/Gross Plant	Net Plant/Gross Plant	Net Plant/Gross Plant	Net Plant/Gross Plant	Net Plant/Gross Plant

Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

DPL Inc

 a. Transmission or	b. Asset Type	c. Asset's assigned FERC	d. Total depreciable	e. Total depreciated	f. Total remaining	g. Percent of average
 distribution ("T" or "D")		subaccount (acount/sub account)	life of asset	life of asset	life of asset	remaining depreciation life of asset
 ס	Poles, Towers and Fixtures	364	38.00	18.00	20.00	0.53
 D	Services	369	33.00	30,00	3.00	0.09
 ם	Services	369	33.00	16.00	17.00	0.52
D	Station Equipment	362	50.00	18.00	32.00	0.64
 מ	Station Equipment	362	50.00	47.00	3.00	0.06
ם	Station Equipment	362	50.00	36.00	14.00	0.28
 D	Station Equipment	362	50.00	43.00	7.00	0.14

Electric Service And Safety Standards Dayton Power and Light Rule #26 DPL Inc

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Transmission or distribution ("T" or "D")	Asset Type	Asset's assigned FERC subaccount (acount/sub account)	Total depreciable life of asset	Total depreciated life of asset	Total remaining life of asset	Percent of average remaining depreciation life of asset	Depreciation of how age was determined
D	Station Equipment	362	11.00	11.00	0.00	0.00	Net Plant/Gross Plant
D	Station Equipment	362	50.00	50.00	0.00	0.00	Net Plant/Gross Plant
D	Station Equipment	362	50.00	50.00	0.00	0.00	Net Plant/Gross Plant
O	Station Equipment	362	50.00	30.00	20.00	0.40	Net Plant/Gross Plant
D	Structures and Improvements	361	45.00	23.00	22.00	0.49	Net Plant/Gross Plant
D	Structures and Improvements	361	45.00	11.00	34.00	0.76	Net Plant/Gross Plant

DPL inc Dayton Power and Light Rule #26 2008 ∀ice ♪゙

Electric Service And Safety Standards

V	Ь	c.	d	æ	f.	q.	Þ.
Transmission or distribution ("T" or "D")	Asset Type	Asset's assigned FERC subaccount (account/sub account)	Total depreciable life of asset	Total depreciated life of asset	Total remaining life of asset	Percent of average remaining depreciation tile of asset	Depreciation of how age was detarmined
ם	Structures and Improvements	361	45.00	26.00	19.00	0.42	Net Plant/Gross Plant
D	Structures and Improvements	361	45.00	30.00	15.00	0.33	Net Plant/Gross Plant
D	Structures and Improvements	361	45.00	23.00	22.00	0.49	Net Plant/Gross Plant
D	Structures and Improvements	361	45.00	23.00	22.00	0.49	Net Plant/Gross Plant
D	Structures and Improvements	361	45.00	24.00	21.00	0.47	Net Plant/Gross Plant

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

а.	Transmission or distribution ("T" or "D")	D	D	D	ס	ס
b.	Asset Type	Structures and Improvements				
c.	Asset's assigned FERC subaccount (acount/sub account)	361	361	361	361	361
d.	Total depreciable life of asset	45.00	45.00	45.00	45.00	45.00
е.	Total depreciated life of asset	2.00	25.00	20.00	31.00	45.00
r.	Total remaining life of asset	43.00	20.00	25.00	14.00	0.00
ġ.	Percent of average remaining depreciation life of asset	0.96	0.44	0.56	0.31	0.00
ħ.	Depreciation of how age was determined	Net Plant/Gross Plant				

Electric Service And Safety Standards

8. 4901:1-10-26 (B)(3)(e) Average remaining depreciation life of distribution and transmission facilities

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

	_,			Т			
دم	Fransmission or distribution ("T" or "D")	⊣	-1	٦	Т	7	1
b.	Asset Type	Overhead Conductors and Devices	Overhead Conductors and Devices	Poles and Fixtures	Poles and Fixtures	Poles and Fixtures	Poles and Fixtures
c.	Asset's assigned FERC subaccount (acount/sub account)	356	356	355	355	355	355
d.	Total depreciable life of asset	39.00	39.00	47.00	47.00	47.00	47.00
9,	Total depreciated life of asset	35.00	18.00	24.00	9.00	44.00	11.00
.÷	Total remaining life of asset	4.00	21.00	23.00	38.00	3.00	36.00
g.	Percent of average remaining depreciation life of asset	0.10	0.54	0.49	0.81	0.06	0.77
ħ.	Depreciation of how age was determined	Net Plant/Gross Plant	Net Plant/Gross Plant	Net Plant/Gross Plant	Net Plant/Gross Plant	Net Plant/Gross Plant	Net Plant/Gross Plant

DPL Inc Dayton Power and Light Rule #26 2008

Electric Service And Safety Standards

Net Plant/Gross Plant	0.38	19.00	31.00	50.00	352 2	Structures and Improvements	7
Net Plant/Gross Plant	0.00	0.00	11.00	11.00	353	Station Equipment	4
Net Plant/Gross Plant	0.41	13.00	19.00	32.00	353	Station Equipment	-
Net Plant/Gross Plant	0.47	15.00	17.00	32.00	353	Station Equipment	٦
Net Plant/Gross Plant	0.42	21.00	29.00	50.00	353	Station Equipment	T
Net Plant/Gross Plant	0.56	28.00	22.00	50.00	353	Station Equipment	Т
Net Plant/Gross Plant	0.44	20.00	25.00	45.00	359	Roads and Trails	т
Depreciation of how age was determined	Percent of average remaining depreciation life of asset	Total remaining life of asset	Total depreciated life of asset	Total depreciable life of asset	Asset's assigned FERC subaccount (acount/sub account)	Asset Type	Transmission or distribution ("T" or "D")
. .	بو	f.	6.	d.	c.	b.	a .

DPL Inc Dayton Power and Light Rule #26 2008

Electric Service And Safety Standards

a.	Transmission or distribution ("T" or "D")	Т	Т	Т	7	┪	-1
b.	Asset Type	Structures and Improvements	Structures and improvements	Structures and Improvements	Towers and Fixtures	Towers and Fixtures	Towers and Fixtures
c.	Asset's assigned FERC subaccount (acount/sub account)	352	352	352	354	354	354
d.	Total depreciable life of asset	50.00	38.00	38.00	50.00	39.00	39.00
e,	Total depreciated life of asset	35.00	31.00	32.00	43.00	38.00	32.00
f.	Total remaining iife of asset	15.00	7.00	6.00	7.00	1.00	7.00
g.	Percent of average remaining depreciation life of asset	0.30	0.18	0.16	0.14	0.03	0.18
h,	Depreciation of how age was determined	Net Plant/Gross Plant	Net Plant/Gross Plant	Net Plant/Gross Plant	Net Plant/Gross Plant	Net Plant/Gross Plant	Net Plant/Gross Plant

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	T Underground Conductor and Devices	a. Assurtant Assurtant or distribution ("T" or "D")
	Conductor	b. Asset Type
	358	Asset's assigned FERC subaccount (acount/sub account)
50 ON	45.00	Total depreciable life of asset
37.00	22.00	Total depreciated life of asset
	23.00	Total remaining life of asset
3	0.51	g- Percent of average remaining depreciation life of asset
Net Plant/Gross Plant	Net Plant/Gross Plant	h. Depreciation of how age was determined

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9. 4901:1-10-26 (B)(3)(f)(i) & (ii) Inspection, maintenance, repair and replacement distribution, transmission and substation programs summary

a.	b.	e.	d.	Ф.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
DS	12/4 kV Relay Calibration	11 - 12/4 kV relays scheduled	Y	Inspections completed as planned
D	Capacitor Inspections (Fixed Banks)	Complete the inspection of approximately 599 fixed capacitor twice per year	~	Inspections completed as planned
D	Capacitor Inspections (Switched Banks)	Complete the inspection of approximately 679 switched capacitor	γ	Inspections completed as planned
D	Distribution Circuit Patrol	Inspect 89 circuits	*	Inspections completed as planned
ם	Distribution Line Clearance	Complete trimming where needed	~	Priority circuits were completed

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9. 4901:1-10-26 (B)(3)(f)(l) & (li) Inspection, maintenance, repair and replacement distribution, transmission and substation programs summary

23	b,	c.	¢.	
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
0	Distribution Line Clearance Inspection	Evaluate 89 circuits	Υ	Program goals were met
D	Monitor Branch Line Reliability Performance	Evaluate least-reliable branch lines and initiate remedial action where needed	Y	All work completed as planned
D	Monitor Circuit Reliability Performance	Evaluate least-reliable circuits and initiate remedial action where needed	Y	Circuits were reviewed and reported as required
D	Pole Replacement and Testing Program	Inspect and test poles on approximately 13% of DP&L's circuits	Y	Inspections completed as planned

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9. 4901:1-10-26 (B)(3)(f)(i) & (ii) Inspection, maintenance, repair and replacement distribution, transmission and substation programs summary

D Preventive Maintenance of Airbreak Switches Continue planned replacement of non-unitized switches (approximately 50 scheduled for 2008) D Recloser Inspections Complete the inspection of approximately 552 reclosers D Underground Device Inspect URD devices on 315 map grids Inspection of Airbreak Switches D Visual Inspection of Airbreak Switches	a, Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	b. Program name	c. Program goals	d. Achieve ("Y" or "N")	
Recloser Inspections Underground Device Inspections Visual Inspection of Airbreak Switches	ס	Preventive Maintenance of Airbreak Switches	Continue planned replacement of non-unitized switches (approximately 50 scheduled for 2008)		≺
Underground Davice Inspections Visual Inspection of Airbreak Switches	D	Recloser Inspections	Complete the inspection of approximately 552 reclosers		~
Visual Inspection of Airbreak Switches	D	Underground Device Inspections	Inspect URD devices on 315 map grids		≺
	D	Visual Inspection of Airbreak Switches	Inspect approximately 1,466 switches		*

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9. 4901:1-10-26 (B)(3)(f)(i) & (ii) Inspection, maintenance, repair and replacement distribution, transmission and substation programs summary

₹	٦	ΤS	Т	D	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	a,
345 kV Relay Calibration	345 kV Aerial Patrol	138/69/33 kV Relay Calibration	138 kV Aerial Patrol	Voltage Regulator Inspections	Program name	b.
0 - 345 kV relays scheduled	Inspect 345 kV circuits, 4 times per year	432 - 138/69/33 kV relays scheduled	Inspect 138 kV circuits, 4 times per year	Complete the inspection of approximately 474 regulators	Program goals	G.
~	~	~	≺	≺	Achieve ("Y" or "N")	d.
Inspections completed as planned	Inspections completed as planned	Inspections completed as planned	Inspections completed as planned	Inspections completed as planned	Summary of findings	е.

Electric Service And Safety Standards Dayton Power and Light Rule #26 2008

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9. 4801:1-10-26 (B)(3)(f)(i) & (ii) Inspection, maintenance, repair and replacement distribution, transmission and substation programs summary report

Spray program completed	٧	Apply herbicide as needed	Herbicide Application	T
Inspections completed as planned	٧	Inspect 306 Substation Transformers monthly	External Visual Inspection of Substation Transformers	TS
Maintenance completed as planned	~	Complete maintenance on 227 circuit breakers	Circuit Breaker Preventive Maintenance	TS
Inspections completed as planned	٧	Inspect 69 kV circuits, annually	69 kV Aerial Patrol	Т
Summary of findings	Achieve ("Y" or "N")	Program goals	Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"
e,	d.	G.	b.	a.

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

9. 4901:1-10-26 (B)(3)(f)(i) & (ii) Inspection, maintenance, repair and replacement distribution, transmission and substation programs summary

<u>ب</u>	b ,	ç.	d.	ra I
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
тѕ	Operational Testing of Circuit Breakers	Conduct an operational test for breakers that are not otherwise operated during the calendar year	Υ	Completed 99.6% of scheduled testing (3 breakers not operated due to customer production schedules)
TS	Substation Transformer Doble Test	Perform Doble power factor tests on 73 substation transformers	Y	Testing completed as planned
⊤s	Substation Transformer LTC Maintenance	Complete maintenance on 31 LTCs	Y	Maintenance completed as planned
18	Substation Transformers Dielectric Oil Breakdown Test	Perform 73 transformer oil dielectric breakdown tests.	≺	Testing completed as planned

Electric Service And Safety Standards Dayton Power and Light Rule #26 DPL Inc

9. 4901:1-10-26 (B)(3)(f)(i) & (ii) Inspection, maintenance, repair and replacement distribution, transmission and substation programs summary

All goals met in 2008	~	Trim trees where needed	Transmission Line Clearance	1
No thermographic inspection of transmission lines were scheduled in 2008	~	Perform thermographic inspections where needed	Thermographic Inspection of Transmission Lines	T
Inspections completed as planned	Υ	Infrared 2,287 Substation Switches	Thermographic Inspection of Substation Switches	TS
Inspections completed as planned	~	Infrared 306 Substation Transformers	Thermographic Imaging of Substation Transformers	TS
e. Summary of findings	Achieve ("Y" or "N")	e. Program goals	Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"
•	2		•	,

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9. 4901:1-10-26 (B)(3)(f)(i) & (ii) Inspection, maintenance, repair and replacement distribution, transmission and substation programs summary

Case No. 09-1000-EL-UNC

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

				679 switched capacitor
	fall)			GOAL - Complete the
100% complete	Inspected switched capacitor banks (679 in	All program goals were met	Inspections were completed as planned	Capacitor Inspections (Switched Banks)
	and 584 units in the fall). Number is based upon actual number of units in the field at the time of inspection		Piciliano	GOAL - Complete the inspection of approximately 599 fixed capacitor twice per year
100% Complete	Inspected fixed capacitor	All program goals were met	Inspections were completed as	Capacitor Inspections
100% complete	11 relays were tested and calibrated	All program goals were met	Inspections were completed as planned	12/4 kV Relay Calibration GOAL - 11 - 12/4 kV relays scheduled
Quanitative description of actual performance in either numerical values or percemtages	Quantitative description of goal in either numerical values or percentages	Description of extent of achievement	Explanation of how goal were achieved	Program name
5.	4.	3.	2.	1.

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

1.	2.	u	4.	5.
Program name	Explanation of how goal were achieved	Description of extent of achievement	Quantitative description of goal in either numerical values or percentages	Quanitative description of actual performance in either numerical values or percentages
Distribution Circuit Patrol GOAL - Inspect 89 circuits	Inspections were completed as planned	All program goals were met	Inspected 89 circuits in 2008	100% Complete
Distribution Line Clearance GOAL - Complete trimming where needed	Trimming completed as planned	All program goals were met	62 full circuits and 79 branch lines were trimmed and 454 customer tickets were resolved	100% complete.
Distribution Line Clearance Inspection GOAL - Evaluate 89 circuits	Inspections were completed as planned	All program goals were met	Inspected 89 circuits in 2008	100% Complete

Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

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1.	2	3.	4.	5.
Program name	Explanation of how goal were achieved	Description of extent of achievement	Quantitative description of goal in either numerical values or percentages	Quanitative description of actual performance in either numerical values or percentages
Monitor Branch Line Reliability Performance GOAL - Evaluate least-reliable branch lines and initiate remedial action where needed	Evaluated least reliable branch lines, inspected distribution facilities and initiated remedial action where needed	All program goals were met	Multiple branchlines on 10 distribution circuits were inspected and reliability plans initiated where appropriate	100% Complete
Monitor Circuit Reliability Performance GOAL - Evaluate least-reliable circuits and initiate remedial action where needed	Analyzed the 39 Rule 11 circuits through the Overhead Reliability Program	All program goals were met	Inspected and remediate reliability problems on ORP circuits	100% Complete

DPL Inc Dayton Power and Light Rule #26 2008

Electric Service And Safety Standards

1.	2.	3.	4.	5
Program name	Explanation of how goal were achieved	Description of extent of achievement	Quantitative description of goal in either numerical values or percentages	Quanitative description of actual performance in either numerical values or percentages
Pole Replacement and Testing Program	Inspections were completed as planned	All program goals were met	41,830 poles were inspected and tested through the role	100% Complete
GOAL - Inspect and test poles on approximately 13% of DP&L's circuits			replacement program	
Preventive Maintenance of Airbreak Switches	Replacement completed as planned	Program goals were met.	37 switches were replaced in 2008	On schedule for program
GOAL - Continue planned replacement of non-unitized switches				Conference of the Pool
(approximately 50 scheduled for 2008)				

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Electric Service And Safety Standards

.	2.	3.	4.	5.
Program name	Explanation of how goal were achieved	Description of extent of achievement	Quantitative description of goal in either numerical values or percentages	Quanitative description of actual performance in either numerical values or percentages
Recloser Inspections GOAL - Complete the inspection of approximately 552 reclosers	Inspections were completed as planned	All program goals were met	Inspected 555 reclosers	100% Complete
Underground Device Inspections GOAL - Inspect URD devices on 315 map grids	Inspections were completed as planned	Ali program goals were met	Inspected 315 map grids containing URD devices	100% Complete
Visual Inspection of Airbreak Switches GOAL - Inspect approximately 1,466 switches	Inspections were completed as planned	All program goals were met	Inspected 1483 switches. Changes in the numbers can be attributed to air breaks that were either retired or installed	100% Complete

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

-1	2.	3.	4.	5 .
Program name	Explanation of how goal were achieved	Description of extent of achievement	Quantitative description of goal in either numerical values or percentages	Quanitative description of actual performance in either numerical values or percentages
Voltage Regulator Inspections GOAL - Complete the	Inspections were completed as planned	All program goals were met	Inspected 474 regulators	100% complete
138 kV Aerial Patrol GOAL - Inspect 138 kV circuits, 4 times per year	Inspections were completed as planned	All program goals were met	Inspected 37-138 kV transmission lines, 4 times each	100% Complete
138/69/33 kV Relay Calibration	Inspections were completed as planned	All program goals were met	443 relays were tested and calibrated	100% complete
GOAL - 432 - 138/69/33 kV relays scheduled				

Electric Service And Safety Standards Dayton Power and Light Rule #26 2008 **DPL** Inc

1.	2.	3.	4.	5.
Program name	Explanation of how goal were achieved	Description of extent of achievement	Quantitative description of goal in either numerical values or percentages	Quanitative description of actual performance in either numerical values or percentages
345 kV Aerial Patrol GOAL - Inspect 345 kV circuits, 4 times per year	Inspections were completed as planned	All program goals were met	Inspected 14-138 kV transmission lines, 4 times each	100% Complete
345 kV Relay Calibration GOAL - 0 - 345 kV relays scheduled	Inspections were completed as planned	All program goals were met	3 relays were installed in 2008	100% complete
69 kV Aerial Patrol GOAL - Inspect 69 kV circuits, annually	Inspections were completed as planned	All program goals were met	inspected 82-69 kV transmission lines	100% Complete

9a. 4901:1-10-26 (B)(3)(f)(i) If response in column "d" of Report 9 is "yes"

Electric Service And Safety Standards

Dayton Power and Light Rule #26 2008

DPL Inc

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Program name	Explanation of how goal were achieved	Description of extent of achievement	Quantitative description of goal in either numerical values or percentages	Quanitative description of actual performance in either numerical values or percentages
Circuit Breaker Preventive Maintenance	Inspections were completed as planned	All program goals were met	Performed maintenance on 233 circuit breakers	100% complete
GOAL - Complete maintenance on 227 circuit breakers				
External Visual Inspection of Substation Transformers	Inspections were completed as planned	All program goals were met	Performed inspection on 306 transformer units	100% complete
GOAL - Inspect 306 Substation Transformers monthly				
Herbicide Application GOAL - Apply herbicide as needed	Herbicide applications were made in applicable areas for safety and reliability	All program goals were met	351 areas received herbicide application	100% Complete

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

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<u>.</u>	Program name	Operational Testing of Circuit Breakers	GOAL - Conduct an operational test for breakers that are not otherwise operated during the calendar year	Substation Transformer Doble Test	GOAL - Perform Doble power factor tests on 73 substation transformers
2.	Explanation of how goal were achieved	Testing completed		Completed as planned	
3,	Description of extent of achievement	All program goals were met		All program goals were met	
4	Quantitative description of goal in either numerical values or percentages	668 of 671 breakers operated or were operated in the breakers in 2008. Three breakers	were not operated due to customer operational issues	79 transformers were Dobled	
5.	Quanitative description of actual performance in either numerical values or percentages	99.6% complete		100% complete	

DPL Inc Dayton Power and Light Rule #26 2008

Electric Service And Safety Standards

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Program name	Explanation of how goal were achieved	Description of extent of achievement	Quantitative description of goal in either	Quanitative description of actual
		·	percentages	performance in either numerical values or percentages
Substation Transformer LTC Maintenance	Maintenance was completed	All program goals were met	Performed maintenance on 64 LTCs	100% complete
GOAL - Complete maintenance on 31 LTCs				
Substation Transformers Dielectric Oil Breakdown Test	Completed as planned	All program goals were met	Performed oil dielectric breakdown tests on 79 transformers	100% complete
GOAL - Perform 73 transformer oil dielectric breakdown tests.				
Thermographic Imaging of Substation Transformers	Inspections were completed as planned	All program goals were met	Performed infrared inspection on 306 transformer units	100% complete
GOAL - Infrared 306 Substation Transformers				

Electric Service And Safety Standards DPL Inc Dayton Power and Light Rule #26 2008

4.	2.	3.	4.	5.
Program name	Explanation of how goal were achieved	Description of extent of achievement	Quantitative description of goal in either numerical values or percentages	Quanitative description of actual performance in either numerical values or percentages
Thermographic Inspection of Substation Switches	Inspections were completed as planned	All program goals were met	Performed inspections on 2287 substation switches	100% Complete
GOAL - Infrared 2,287 Substation Switches				
Thermographic Inspection of Transmission Lines	N/A	N/A	No inspections were scheduled in 2008	N/A
GOAL - Perform thermographic inspections where needed				
Transmission Line Clearance	Spot trimmed as necessary	All program goals were met	Spot trimming completed in 1300 locations	100% Complete
GOAL - Trim trees where needed				

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

ga. 4901:1-10-26 (B)(3)(f)(i) If re	4901:1-10-26 (B)(3)(f)(i) If response in column of or report of 5		.	ġn ,
	2	3.	*	
Program name	Explanation of how goal were achieved	Description of extent of achievement	Quartitative description of goal in either numerical values or percentages	Quantative description of actual performance in either numerical values or percentages
Visual Inspection of Circuit Breakers	inspections were completed as planned	All program goals were met	1306 circuit breakers were inspected	
GOAL - Inspect 1,306 Circuit Breakers monthly				100% Complete
Visual Inspection of Transmission Lines/Right-Of-Way	Inspections were completed as planned	All program goals were met	metro no fly zone	
GOAL - Inspect 24 circuits in metro - no fly zone				

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

9b. 4901:1-10-26 (B)(3)(f)(i) If response in column "d" of Report 9 is "no"

Program name	7
Cause(s) for not achieving goal(s)	2.
Description of level of completion of goal	3,
Quantitative description of goal in either numerical values or percentages	4.
Quanitative description of level of completion of goal in either numerical values or percentages	5.

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

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Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
12/4 kV Relay Calibration	DS					
GOAL - 11 - 12/4 kV relays scheduled					5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
138 kV Aerial Patrol	7					
GOAL - Inspect 138 kV circuits, 4 times per year						

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

345 kV Aerial Patrol GOAL - Inspect 345 kV circuits, 4 times	138/69/33 kV Relay Calibration GOAL - 432 - 138/69/33 kV relays scheduled	1. Program name
7	. გ	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"
The following maintenance items were identified during transmission line inspections: Critical: 30 items, Medium priority: 69 items, Minor: 103		3. Program finding(s) causing remedial activity
Completed 30 repairs to critical items, 36 repairs to medium items and 41 repairs to minor items		4. Remedial activity performed
		Actual completion date
33 medium priority maintenance items are to be addressed		e. Remedial activity yet to be performed
12/31/2009		Estimated completion date

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

	2	ယ	4,	Ģī	6.	7.
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion data
345 kV Relay Calibration	TS					
GOAL - 0 - 345 kV relays scheduled						
69 kV Aerial Patrol	7					
GOAL - Inspect 69 kV circuits, annually						

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

Patrol GOAL - Inspect 89 circuits	GOAL - Complete maintenance on 227 circuit breakers	Circuit Breaker Preventive Maintenance	Program name	-
C	5	3.1	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	2.
identified during the inspections. Repair items include broken down guys, blown arrestors, broken x-arms, etc.			Program finding(s) causing remedial activity	<u>3</u>
have been completed	As of SIZAIOD AAS items		Remedial activity performed	4.
			Actual completion date	5.
are remaining	As 0535A00 5A0 Home		Remedial activity yet to be performed	6.
1000	12/21/2000		Estimated completion date	7.

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

1.	2.	3.	4.	5.	6,
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "D8"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed
Distribution Line Clearance	D				
GOAL - Complets trimming where needed					
Distribution Line Clearance Inspection	D				
GOAL - Evaluate 89 circuits					

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

Program name	External Visual Inspection of Substation Transformers GOAL - Inspect 306 Substation Transformers monthly	Herbicide Application GOAL - Apply herbicide as needed
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	TS	-
Program finding(s) causing remedial activity 218 maintenance items	218 maintenance items were identified as requiring remedial activity. Examples of repair items include: oil leak, high or low oil level in main tank or LTC compartments, high oil or windings temperature and sudden pressure relay operations	
Remedial activity performed	Repairs were completed on 104 transformers	
Actual completion date		
Remedial activity yet to be performed Repair 114 transformer	Repair 114 transformer maintenance itams. Work is prioritizated in conjunction with current system maintenance needs	
Estimated completion date	12/31/2009	

DPL Inc Dayton Power and Light Rule #26 2008 ∀ice ♪⁻

Electric Service And Safety Standards

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Reliability Performance GOAL - Evaluate least-reliable circuits and initiate remedial action where needed	Monitor Circuit	needed	lines and initiate	least-reliable branch	GOAL - Evaluate	Performance	Monitor Branch Line Reliability	Program name	1.
	U						D	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "D8"	2.
inspection of ORP circuits. Typical repair items include: Lightning arrestors, cut-out, pole replacements/reinforcem ents, cable injection or replacement	Repair items were							Program finding(s) causing remedial activity	3.
specifics on remedial items for individual ORP circuits	Refer to Rule 11 for							Remedial activity performed	4.
								Actual completion date	5
items for individual ORP circuits	Refer to Rule 11 for							Remedial activity yet to be performed	.6
	12/31/2009							Estimated completion date	7.

DPL inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

Pole Replacement and Testing Program GOAL - Inspect and test poles on approximately 13% of DP&L's circuits	Operational Testing of Circuit Breakers GOAL - Conduct an operational test for breakers that are not otherwise operated during the calendar year	Program name	1.
D	TS	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	2,
1522 poles initially failed the inspection and test		Program finding(s) causing remedial activity	3.
263 poles have been reinforced and 488 poles have been replaced		Remedial activity performed	4.
		Actual completion date	5.
771 pole replacements to be completed		Remedial activity yet to be performed	6.
12/31/2009		Estimated completion date	7.

Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

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Recloser Inspections GOAL - Complete the inspection of approximately 552 reclosers	Preventive Maintenance of Airbreak Switches GOAL - Continue planned replacement of non-unitized switches (approximately 50 scheduled for 2008)	1. Program name
D	D	2. Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"
7 repair items were identified during the recloser inspection program. Typical repair items can be described as blown fuses, LA's and replacements		3. Program finding(s) causing remedial activity
Completed 3 repair items		4. Remedial activity performed
		5. Actual completion date
4 repair items still need to be completed		6. Remedial activity yet to be performed
12/31/2009		7. Estimated completion date

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

Substation Transformer LTC Maintenance GOAL - Complete maintenance on 31 LTCs	Substation Transformer Doble Test GOAL - Perform Doble power factor tests on 73 substation transformers	1. Program name
ТЅ	TS	2. Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"
	Changes in power factor readings require remedial actions such as bushing or transformer replacement. 5 problems were identified requiring bushing changeout on 4 transformers and replacement of 1 transformer	3. Program finding(s) causing remedial activity
	Bushing changeout completed on 1 transformer. Replacement of 1 transformer currently in progress	4. Remedial activity performed
		Actual completion date
	Replacement of 1 transformer and change bushings on 3 transformers	6. Remedial activity yet to be performed
	12/31/2009	7. Estimated completion date

DPL Inc Dayton Power and Light Ruie #26 2008 Electric Service And Safety Standards

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Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed
Substation Transformers Dielectric Oil Breakdown Test	SI				
GOAL - Perform 73 transformer oil dielectric breakdown tests.					
Thermographic Imaging of Substation Transformers GOAL - Infrared 306 Substation Transformers	SL	Infrared inspection of transformers identified 9 problems with external connections	Outages were taken and transformer connections were cleaned or replaced. 2 repairs were completed		Repair 7 transformer connections. 2 of these 7 need to be scheduled in conjunction with customer outages

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

Thermographic Inspection of Substation Switches GOAL - Infrared 2,287 Substation Switches	1. Program name
78	Z. Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"
Infrared inspections of substation switches identified bad or deteriorated contacts. 88 problems were identified during inspections	3. Program finding(s) causing remedial activity
A second thermographic picture was taken to confirm problems. Once the problem(s) was confirmed the switches were replaced or removed from service, cleaned, maintenanced and returned to service. 40 repairs were made in 2008	4. Remedial activity performed
	5. Actual completion date
48 repairs are scheduled in conjunction with next maintenance cycle	6. Remedial activity yet to be performed
12/31/2009	7. Estimated completion date

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

Transmission Line Clearance GOAL - Trim trees where needed	Thermographic Inspection of Transmission Lines GOAL - Perform thermographic inspections where needed	1. Program name
-1	-1	2. Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"
		3. Program finding(s) causing remedial activity
		4. Remedial activity performed
		5. Actual completion date
		6. Remedial activity yet to be performed
		7. Estimated completion date

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

1,	2.	3.	4.	5.	6,
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed
Underground Device Inspections GOAL - Inspect URD devices on 315 map grids	D	499 repair items were identified during the underground device inspection program. Typical repair items can be described as defective locking mechanisms, defective pads, exposed cable	As of 2/25/09, 403 repairs are complete		96 repair itsms still need to be completed
Visual Inspection of Airbreak Switches GOAL - Inspect approximately 1,466 switches	Đ	32 repair items were identified during the air break inspection process. Typical repairs include replacing blown LA's, pole grounds, handles, etc.	Completed 11 air break repairs in 2008		21 maintenance repairs to be completed

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

9.c. 4901:1-10-26 (B)(3)(f)(III) Remedial activity

1.	Program name	Visual Inspection of Circuit Breakers GOAL - Inspect 1,308 Circuit Breakers monthly	Visual Inspection of Transmission Lines/Right-Of-Way GOAL - Inspect 24 circuits in metro - no fly zone
2.	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	18	-1
3	Program finding(s) causing remedial activity	Compressor and/or motor problems are examples of findings requiring remedial attention. 78 breaker problems were identified and prioritized	
4	Remedial activity performed	Repaired 26 breaker problems	
5	Actual completion date		
6.	Remedial activity yet to be performed	52 minor breaker problems are scheduled to be repaired in conjunction with next maintenance cycle	
7.	Estimated completion date	12/31/2009	

DPL Inc Dayton Power and Light Rule #26 2008

Electric Service And Safety Standards

9.c. 4901:1-10-28 (B)(3)(f)(iii) Remedial activity

1.	Transmission "T"	3.	4.		6.
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed
Voltage Regulator Inspections GOAL - Complete the inspection of approximately 474 regulators	Đ	Found 27 defective regulators, 3 defective control units, and 4 regulators found to require further review	Changed 21 defective regulators and changed 3 controls		Replace 3 regulators, repair 3 regulators used for intermittent purposes only and review 4 regulators for circuit modifications or upgrades

Notes

For many programs, remedial activity was completed at various dates throughout the year. For these programs, the completion date is listed as 12/31. Remedial activity for all transmission line aerial and foot patrols is combined and listed under the 345 kV aerial patrol programs. Minor items will be completed as maintenance schedules permit. Remedial activity for fixed and switched capacitor inspections is combined and listed under fixed capacitor bank inspections.

DPL Inc Dayton Power and Light Rule #26 2008

Electric Service And Safety Standards

Evaluate 88 circuits	Distribution Line Clearance Inspection	D
Complete trimming where needed	Distribution Line Clearance	ס
Inspect 88 circuits	Distribution Circuit Patrol	D
Complete the inspection of approximately 781 switched capacitor twice per year	Capacitor Inspections (Switched Banks)	D
Complete the inspection of approximately 584 fixed capacitor twice per year	Capacitor Inspections (Fixed Banks)	ם
1127 - 12/4 kV relays scheduled	12/4 kV Relay Calibration	SC
Program goals	Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "D\$"
3.	2,	1.

Electric Service And Safety Standards Dayton Power and Light Rule #26 2008 DPL Inc

Recroser Inspections Complete the inspection of approximately 555 reclosers Underground Device Inspections Inspect URD devices on 318 map grids
irbreak
Pole Replacement and Testing Inspect and test poles on approximately 13% of DP&L's circuits Program
Monitor Circuit Reliability Performance Evaluate least-reliable circuits and
Monitor Branch Line Reliability Evaluate least-reliable branch lines and initiate remedial action where needed
Program name
2.

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1,	2.	3 .
Transmission "T", distrbution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals
D	Visual Inspection of Airbreak Switches	Inspect approximately 1,483 switches
D	Voltage Regulator Inspections	Complete the inspection of approximately 535 regulators
Т	138 kV Aerial Patrol	Inspect 138 kV circuits, 4 times per year
TS	138/69/33 kV Relay Calibration	1313 - 138/69/33 kV relays scheduled
7	345 kV Aerial Patrol	Inspect 345 kV circuits, 4 times per year
TS	345 kV Relay Calibration	7 - 345 kV relays scheduled
Ţ	69 kV Aerial Patrol	Inspect 69 kV circuits, annually

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Electric Service And Safety Standards

2	2:	3.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals
TS	Circuit Breaker Preventive Maintenance	Complete maintenance on 165 circuit breakers
TS	External Visual Inspection of Substation Transformers	Inspect 304 Substation Transformers monthly
7	Herbicide Application	Apply herbicide as needed
TS	Operational Testing of Circuit Breakers	Conduct an operational test for breakers that are not otherwise operated during the calendar year
SI	Substation Transformer Doble Test	Perform Doble power factor tests on 74 substation transformers
тѕ	Substation Transformer LTC Maintenance	Complete maintenance on 59 LTCs

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Visual Inspection of Circuit Breakers Inspect 1,304 Circuit Breakers monthly
Transmission Line Clearance Trim trees where needed
Thermographic Inspection of Perform thermographic inspections Transmission Lines
Thermographic Inspection of Infrared 2,290 Substation Switches
Thermographic Imaging of Substation Infrared 304 Substation Transformers
Substation Transformers Dielectric Oil Perform 74 transformer oil dielectric breakdown tests Breakdown Test
Program name
2.

Dayton Power and Light Rule #26 2008 DPL Inc

Electric Service And Safety Standards

Inspect 24 circuits in metro - no fly

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Electric Service And Safety Standards

10. 4901:1-10-26 (B)(3)(f)(iv) Prevention of overloading or excessive loading of facilities and equipment programs)

a. ansmission	b. Program or plan name
Transmission or Distribution ("T" or "D")	Program or plan name
0	Distribution Planning
7	Transmission Planning

Dayton Power and Light Rule #26 2008 **DPL** Inc

Electric Service And Safety Standards

11. 4901:1-10-26 (B)(3)(f)(v) Actions to remedy overloading or excessive loading of equipment and facilities

Program Name = Distribution Planning

				("
0	D	D	D	("T" or "D")
GD1210	CB1204	CB1202	AJ1206	
03/01/2008	01/01/2008	01/01/2008	01/01/2008	identified
Reduce	Reduce	Reduce	Reduca	
Reduce loading through transfers	e loading	Reduce loading through transfers	∍ loading	
through	through	through	through :	
transfers	Reduce loading through transfers	transfers	Reduce loading through transfers	
	i			
06/01/2008	06/01/2008	06/01/2008	06/01/2008	date
<u>2</u> 008	2008	2008	2008	
Transfe GD121	Transfer Marysvil CB1208	Transfer Marysvil CB1204	Transfi circuit a	
Transfer load Fairborn GD1210 to Airway AJ1	Transfer load from Marysville circuit C CB1208	Transfer load from Marysville circuit C CB1204	Transfer load from Airwa circuit AJ1206 to Airway circuit AJ1205	
Transfer load Fairborn GD1210 to Airway AJ1204	Transfer load from Marysville circuit CB1204 to CB1208	Transfer load from Marysville circuit CB1202 to CB1204	Transfer load from Airway circuit AJ1206 to Airway circuit AJ1205	
4	8	t	×	
05/23/2008	06/06/2008	08/24/2007	06/20/2008	date
008	9008	:007	9008	date

Dayton Power and Light Rule #26 DPL Inc

Electric Service And Safety Standards

Program Name = Distribution Planning

11. 4901:1-10-28 (B)(3)(f)(v) Actions to remedy overloading or excessive loading of equipment and facilities

D	D	D	D	Transmission or distribution ("T" or "D")	a.
RF1203	PB1205	JD1213	GF1204	Circuit name	b.
01/16/2009	03/01/2008	01/01/2008	01/01/2008	Date overloading identified	C,
Reduce loading through transfers	Reduce loading through transfers	Reduce loading through transfers	Reduce loading through transfers	Plans to remedy overloading	d.
01/16/2009	06/01/2008	09/01/2008	06/01/2008	Estimated completion date	e.
Transfer load from Phoneton RF1203 to Northridge RD1206	Transfer load from Southwestern PB1205 to Fairborn GD1210	Transfer load from Robinson Rd circuit JD1213 to Robinson Rd circuit JD1215	Transfer load from Waynesville Rd circuit GF1204 to Webb Rd circuit HW1203	Action(s) already taken to remedy overloading	f .
01/16/2009	05/23/2008	01/14/2009	05/08/2008	Actual completion date	ō.

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

11. 4901:1-10-26 (B)(3)(f)(v) Actions to remedy overloading or excessive loading of equipment and facilities

Program Name = Distribution Planning

o	Transmission or distribution ("T" or "D")	
RJ1230	Circuit name	
03/01/2008	Date overloading identified	P
Reduce loading through transfers	Plans to remedy overloading	p.
06/01/2008	Estimated completion date	Þ
Transfer load from Dayton Mall RJ1230 to Yankee RH1213	Action(s) already taken to remedy overloading	•
05/23/2008	Actual completion date	9

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

12. 4901:1-10-26 (B)(3)(g)(i) Programs Deleted

Transmission "T", Deleted program name distribution "D", transmission substation	
c. Explanation for elimination of program	

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13. 4901:1-10-26 (B)(g)(g)(ii) Programs modified

Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	,
Modified program name	b.
Explanation of modifications(s) to program	c.
Anticipated effects on program as result of modification(s)	d.

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14. 4901:1-10-26 (B)(3)(g)(iii) Program added

Transmission "T", Added Exp distribution "D", program name I transmission substation "TS", or distribution substation "DS"	2. b.	
Explanation of additional Exp program's purpose addi	G,	
Expected goals for additional program	d.	

Dayton Power and Light Rule #26 **DPL** Inc 2008

Electric Service And Safety Standards

15. 4901:1-10-26 (B)(4) Planned and unplanned interruptions of service

87,175,039	71	4,508		_
	ļ	1	•	1
1,892,238	19,192	4,802,948	549	0
(in minutes)	interruptions	(in minutes)	ille i upii olie	
Interruptions	unplanned	interruptions	informations	ayamın
Duration of unplanned	Number of	Duration of planned		over the second
			Number of	Type of
•	d.	c.	ъ.	ņ

NotesDuration of planned and unplanned outages are provided in CMI (customer minutes interrupted). All figures are calculated with no exclusions.

DPL Inc Dayton Power and Light Rule #26 2008 Electric Service And Safety Standards

15a. 4901:1-10-26 (B)(4) Voltage measurements

Transmission and distribution bus voltages are monitored and recorded hourly.	7
Transmission and distribution bus voltages are monitored and recorded hourly.	Đ
Sampling of voltage measurements for the reporting period	Type of system
a.	

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Electric Service And Safety Standards

16. 4901:1-10-26 (B)(5) Service interruptions due to other entity

\$50 2*	b.	C,	ď.	θ.	ŕ	<u>g.</u>
Date of interruption	Time of interruption	Type of entity causing interruption	Name of entity causing the interruption	Impact on transmission or distribution ("T" or "D")	Reference ID of circuit(s) interrupted	Cause(s) of interruption of service
12/21/2008	7:13:00AM	Electric Distribution Utility	Celina Utilities	D	KA1202	Other Electric Utility
12/21/2008	8:32:00AM	Electric Distribution Utility	Celina Utilities	D	KA1202	Other Electric Utility
06/14/2008	1:56:00AM	Electric Distribution Utility	Darke REA	ם	MC1211	Other Electric Utility
05/04/2008	11:48:00AM	Electric Distribution Utility	Midwest REA	D	KE1201	Other Electric Utility
05/04/2008	11:48:00AM	Electric Distribution Utility	Midwest REA	ם	KE1202	Other Electric Utility
05/04/2008	11:48:00AM	Electric Distribution Utility	Midwest REA	D	KE1203	Other Electric Utility

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16. 4901:1-10-26 (B)(5) Service interruptions due to other entity

Date of Time of Imterruption Type of entity causing interruption Interruption O8/14/2008 6:03:00AM Electric Distribution Utility 10/11/2008 7:50:00AM Transmission System Owner O6/04/2008 2:05:00AM Transmission System Owner O6/04/2008 6:53:00AM Transmission System Owner O2/05/2008 6:53:00AM Transmission System Owner	7			1	1		
Time of Interruption Type of entity causing the interruption 6:03:00AM Electric Distribution Darke REA 11:49:00AM Transmission System Owner 7:50:00AM Transmission System American Electric Power Owner 2:05:00AM Transmission System Owner 6:53:00AM Transmission System Owner 6:53:00AM Transmission System Owner	1	a	p .	c.	d.		
6:03:00AM Electric Distribution Utility 11:49:00AM Transmission System Owner 2:05:00AM Transmission System Owner 6:53:00AM Owner 6:53:00AM Transmission System		Date of interruption	Time of interruption	Type of entity causing Interruption	Name of entity causing the interruption	Impact on transmission or distribution ("T" or "D")	Impact on unsmission or distribution ("T" or "D")
11:49:00AM Transmission System 7:50:00AM Transmission System 2:05:00AM Transmission System Owner 6:53:00AM Transmission System Owner		08/14/2008	6:03:00AM	Electric Distribution Utility	Darke REA		Ū
7:50:00AM Transmission System 2:05:00AM Transmission System Owner 6:53:00AM Transmission System Owner		10/11/2008	11:49:00AM	Transmission System Owner	American Electric Power		Т
2:05:00AM Transmission System Owner 6:53:00AM Transmission System Owner		10/11/2008	7:50:00AM	Transmission System Owner	American Electric Power		⊣
6:53:00AM Transmission System Owner		06/04/2008	2:05:00AM	Transmission System Owner	American Electric Power		7
		02/05/2008	6:53:00AM	Transmission System Owner	Duke Energy		7