DP&L

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. 14-1000-EL-ESS

Docketing Division:

Pursuant to Rule 26 of the Electric Service and Safety Standards, Ohio Administrative Code 4901:1-10-26(B), 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,

Robert Adams
Regulatory Operations

BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Annual Report of Dayton Power and Light Co Pursuant to Rule 26 of the Electric Service and Safety Standards, Ohio Administrative Code 4901:1-10-26	:	Case No. 14-1000-EL-ESS

ANNUAL REPORT
OF THE DAYTON POWER AND LIGHT CO COMPANY

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

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

Mike Shruba, Director, Power Delivery & Services
Responsible For Transmission & Distribution Reporting

3.24.2014
Date

Report Date & Time: March 21, 2014 6:30 am

3-24-2014

DPL Inc
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Rule #26
2013
Electric Service And Safety Standards

1. 4901:1-10-26 (B)(1) Future Investment Plan For Facilities And Equipment (covering period of no less than three years)

a.	b.	c.	d.	e.	f.	g.	h.	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	Planned completion date	Actual completion date
CAP-010	D	Capacitor Program - install new capacitors and controls to optimize reactive supply on circuits	Various	Various	0	01/01/2017	12/31/2017	
CRP-007	D	Cable Replacement Program - replace or inject deteriorating bare neutral primary cable	Various	Various	4,000,000	01/01/2014	12/31/2014	
CRP-008	D	Cable Replacement Program - replace or inject deteriorating bare neutral primary cable	Various	Various	4,000,000	01/01/2015	12/31/2015	

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Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

1. 4901:1-10-26 (B)(1) Future Investment Plan For Facilities And Equipment (covering period of no less than three years) ... Continued ...

a.	b.	c.	d.	e.	f.	g.	h.	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	Planned completion date	Actual completion date
CRP-010	D	Cable Replacement Program - replace or inject deteriorating bare neutral primary cable	Various	Various	4,100,000	01/01/2017	12/31/2017	
DIS-040	D	Kettering AO1202 -install parallel riser	Kettering	Urban	350,000	01/01/2014	06/30/2014	
DIS-041	D	RH1215 tie to RJ1230 - reliability and switching flexibility	Centervill e	Urban	130,000	01/01/2014	06/30/2014	
DIS-042	D	Replace 20 MVA transformer with new 30 MVA transformer at Cisco Substation	Various	Rural	950,000	01/01/2014	05/30/2014	

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Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

1. 4901:1-10-26 (B)(1) Future Investment Plan For Facilities And Equipment (covering period of no less than three years) ...
Continued ...

a.	b.	c.	d.	e.	f.	g.	h.	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	Planned completion date	Actual completion date
DIS-043	D	Replace 10 MVA transformer with 20 MVA transformer at Staunton substation	Various	Rural	230,000	01/01/2014	05/30/2014	
DIS-044	T	Hutchings - new relay house and relay upgrades	Various	Various	4,500,000	01/01/2014	06/30/2016	
ORP-007	D	Overhead Reliability Program - complete repairs, upgrades or other reliability improvements to least-reliable circuits	Various	Various	1,000,000	01/01/2014	12/31/2014	

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Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

1. 4901:1-10-26 (B)(1) Future Investment Plan For Facilities And Equipment (covering period of no less than three years) ... Continued ...

a.	b.	c.	d.	e.	f.	g.	h.	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	Planned completion date	Actual completion date
ORP-008	D	Overhead Reliability Program - complete repairs, upgrades or other reliability improvements to least-reliable circuits	Various	Various	1,000,000	01/01/2015	12/31/2015	
ORP-009	D	Overhead Reliability Program - complete repairs, upgrades or other reliability improvements to least-reliable circuits	Various	Various	1,000,000	01/01/2016	12/31/2016	

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Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

1. 4901:1-10-26 (B)(1) Future Investment Plan For Facilities And Equipment (covering period of no less than three years) ...
Continued ...

a.	b.	c.	d.	e.	f.	g.	h.	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	Planned completion date	Actual completion date
ORP-010	D	Overhead Reliability Program - complete repairs, upgrades or other reliability improvements to least-reliable circuits	Various	Various	1,000,000	01/01/2017	12/31/2017	
PCR-007	D	Planned replacement of cutouts	Various	Various	1,250,000	01/01/2017	12/31/2017	

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Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

1. 4901:1-10-26 (B)(1) Future Investment Plan For Facilities And Equipment (covering period of no less than three years) ... Continued ...

a.	b.	c.	d.	e.	f.	g.	h.	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	Planned completion date	Actual completion date
PRP-010	D	Distribution Pole Inspection and Replacement Program - inspect distribution poles and repair/replace poles as necessary	Various	Various	4,950,000	01/01/2017	12/31/2017	
RAP-010	D	Reliability Action Plan - complete repairs, upgrades or other reliability improvements to least-reliable branch-lines	Various	Various	350,000	01/01/2017	12/31/2017	

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Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

1. 4901:1-10-26 (B)(1) Future Investment Plan For Facilities And Equipment (covering period of no less than three years) ...
Continued ...

a.	b.	c.	d.	e.	f.	g.	h.	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	Planned completion date	Actual completion date
RTO-003	T	PJM Regional Transmission Expansion Plan - Bath - Trebein 138 kV reconductor	Bulk Electric System (BES)	Various	1,400,000	01/01/2015	06/01/2017	
RTO-007	T	PJM Regional Transmission Expansion Plan - Hutchings - Sugarcreek 138 kV reconductor	Bulk Electric System (BES)	Various	2,000,000	01/01/2014	06/01/2014	
RTU-007	D	RTU Installation Program - replace obsolete monitoring equipment with new RTU's that also provide control functions	Various	Various	0	01/01/2014	12/31/2014	

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Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

1. 4901:1-10-26 (B)(1) Future Investment Plan For Facilities And Equipment (covering period of no less than three years) ... Continued ...

a.	b.	c.	d.	e.	f.	g.	h.	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	Planned completion date	Actual completion date
RTU-008	D	RTU Installation Program - replace obsolete monitoring equipment with new RTU's that also provide control functions	Various	Various	0	01/01/2015	12/31/2015	
RTU-010	D	RTU Installation Program - replace obsolete monitoring equipment with new RTU's that also provide control functions	Various	Various	0	01/01/2017	12/31/2017	

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Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

1. 4901:1-10-26 (B)(1) Future Investment Plan For Facilities And Equipment (covering period of no less than three years) ... Continued ...

a.	b.	c.	d.	e.	f.	g.	h.	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	Planned completion date	Actual completion date
TBR-010	T	Transmission Breaker Replacements - replace breakers as needed	Various	Various	0	01/01/2017	12/31/2017	
TPI-010	T	Transmission Pole Inspection - inspect transmission poles and repair or replace as necessary	Various	Various	500,000	01/01/2017	12/31/2017	
TRU-009	T	Transmission Relay Upgrade - replacing/upgrading transmission relays	Various	Various	1,300,000	01/01/2017	12/31/2017	

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Rule #26
2013
Electric Service And Safety Standards

Notes

The projects and programs detailed in this report are designed to ensure high quality, safe, and reliable delivery of energy to customers and/or provide for additional capacity for future load growth. The capital and maintenance resources invested are generally focused in specific localized areas and do not necessarily translate into improvements in global or system-wide reliability performance indices such as CAIDI and SAIFI.

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1.a. 4901:1-10-26 (B)(1)(a) Relevant Characteristics Of The Service Territory

Facility Type	Total Overhead Miles	Total Underground Miles	Other Notable Characteristics
D	10,554	3,536	
T	1,833	4	

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Rule #26
2013
Electric Service And Safety Standards

1.b 4901:1-10-26 (B)(1b) Future investment plan for facilities and equipment (covering period 2013 to 2017)

All Cost	2013		2014	2015	2016	2017
	Planned	Actual	Planned	Projected	Projected	Projected
D	$9,900,000	$14,316,000	$13,460,000	$11,750,000	$11,750,000	$11,650,000
T	$1,550,000	$954,000	$6,982,000	$1,700,000	$6,300,000	$11,200,000

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Rule #26
2013
Electric Service And Safety Standards

2. 4901:1-10-26 (B)(1)(d)&(f) Complaints From Other Entities

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

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Rule #26
2013
Electric Service And Safety Standards

3.a. 4901:1-10-26 (B)(1)(e) Electric Reliability Organization Reliability Standards Violation

Standard number violated	Standard name violated	Date of violation	Violation risk factor	Violation severity factor	Total amount of penalty dollars	Description

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2013
Electric Service And Safety Standards

3.b. 4901:1-10-26 (B)(1)(e) Regional Transmission Organization (RTO) Violations

Name of RTO violation	Description

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Rule #26
2013
Electric Service And Safety Standards

3.c. 4901:1-10-26 (B)(1)(e) Transmission Load Relief (TRL)

TLR Event Start	TLR Event End	Highest TLR level during event	Firm load interrupted	Amount of load (MW) interrupted	Description

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2013
Electric Service And Safety Standards

3.d. 4901:1-10-26 (B)(1)(e) Top Ten Congestion Facilities By Hours Of Congestion

Rank	Description of facility causing congestion

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Rule #26
2013
Electric Service And Safety Standards

3.e. 4901:1-10-26 (B)(1)(e) Annual System Improvement Plan And Regional Transmission Operator (RTO) Expansion Plan

Relationship between annual system improvement plan and RTO transmission expansion plan
Our annual system improvement plan includes the regional transmission operator's transmission project plan. The RTO driven projects are the installation of a second Shelby 345/138 kV transformer, the Greene-Alpha 138 reconductoring, the Bath-Trebein 138 kV reconductoring, the installation of a second Bath 345/138 kV transformer, the addition of Taylor 345/69 kV Substation and Transmission, Burdox-Webster 138 kV reconductoring, and Hutchings-Sugarcreek 138kV reconductoring.

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Rule #26
2013
Electric Service And Safety Standards

4. 4901:1-10-26 (B)(2) Report Of Implementation Plan From Previous Reporting Period

a.	b.	c.	d.	e.	f.
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
CAP-006	D	12/31/2013	12/31/2013	Reduced dollars	Reduced scope of project
CAP-007	D	12/31/2014		Reduced dollars	Program on hold
CAP-008	D	12/31/2015		Reduced dollars	Program on hold
CAP-009	D	12/31/2016		Reduced dollars	Program on hold
CRP-006	D	12/31/2013	12/31/2013	Reduced dollars	Based on 2013 actual dollars
CRP-009	D	12/31/2016		Reduced dollars	Revised budget
DIS-035	D	06/01/2013	06/10/2013	Cost adjustment	Based on 2013 actual dollars
DIS-037	D	12/31/2013		Reduced dollars	Program on hold

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Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

4. 4901:1-10-26 (B)(2) Report Of Implementation Plan From Previous Reporting Period ... Continued ...

a.	b.	c.	d.	e.	f.
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
DIS-038	D	12/31/2014		Reduced dollars	Program on hold
DIS-039	D	06/01/2013	06/10/2013	Actual cost	Based on 2013 Actual dollars
ORP-006	D	12/31/2013	12/31/2013	Reduced dollars	Based on 2013 actual dollars
PCR-003	D	12/31/2013	12/31/2013	Reduced dollars	Based on 2013 actual dollars
PCR-004	D	12/31/2014		Increased dollars	Revised budget
PCR-005	D	12/31/2015		Increased dollars	Revised budget
PCR-006	D	12/31/2016		Increased dollars	Revised budget
PRP-006	D	12/31/2013	12/31/2013	Increase dollars	Based on 2013 actual dollars

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Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

4. 4901:1-10-26 (B)(2) Report Of Implementation Plan From Previous Reporting Period ... Continued ...

a.	b.	c.	d.	e.	f.
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
PRP-007	D	12/31/2014		Increased dollars	Increased scope of project
PRP-008	D	12/31/2015		Increased dollars	Increased scope of project
PRP-009	D	12/31/2016		Increased dollars	Revised budget
RAP-006	D	12/31/2013	12/31/2013	Reduced dollars	Based on 2013 actual dollars
RAP-007	D	12/31/2014		Reduced dollars	Reduced scope of project
RAP-008	D	12/31/2015		Reduced dollars	Reduced scope of project
RAP-009	D	12/31/2016		Reduced dollars	Revised budget
RTO-001	T	06/01/2014		Reduced dollars	Revised estimate

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Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

4. 4901:1-10-26 (B)(2) Report Of Implementation Plan From Previous Reporting Period ... Continued ...

a.	b.	c.	d.	e.	f.
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
RTO-002	T	06/01/2014		Reduced dollars	Revised estimate
RTO-004	T	06/01/2017		Changed planned start date	Adjustment in schedule
RTO-005	T	06/01/2018		Changed planned start date	Adjustment in schedule
RTO-006	T	06/01/2014		Reduced cost	Revised cost estimate
RTU-006	D	12/31/2013		Increased dollars	Revised budget
RTU-009	D	12/31/2016		Reduced dollars	Program on hold
TBR-006	T	12/31/2013		Reduced dollars	Reduced scope of project
TBR-007	T	12/31/2014		Reduced dollars	Transmission Breaker Replacements will be completed as needed.

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

4. 4901:1-10-26 (B)(2) Report Of Implementation Plan From Previous Reporting Period ... Continued ...

a.	b.	c.	d.	e.	f.
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
TBR-008	T	12/31/2015		Reduced dollars	Transmission Breaker Replacements will be completed as needed.
TBR-009	T	12/31/2016		Reduced dollars	Transmission Breaker Replacements will be completed as needed.
TPI-006	T	12/31/2013	12/31/2013	Reduced dollars	Based on 2013 actual dollars
TPI-007	T	12/31/2014		Increased dollars	Increased scope of project
TPI-008	T	12/31/2015		Increased dollars	Inceased scope of project
TPI-009	T	12/31/2016		Increased dollars	Revised budget
TRU-005	T	12/31/2013	12/31/2013	Reduced dollars	Reduced scope of project

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Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

4. 4901:1-10-26 (B)(2) Report Of Implementation Plan From Previous Reporting Period ... Continued ...

a.	b.	c.	d.	e.	f.
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
TRU-006	T	12/31/2014		Reduced dollars	Revised budget
TRU-007	T	12/31/2015		Increased dollars	Increased scope of project
TRU-008	T	12/31/2016		Increased dollars	Increased scope of project

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Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

5. 4901:1-10-26 (B)(3)(a) Characterization Of Condition Of Company's System

	a.	b.
Type of System	Qualitative characterization of condition or system	Explanation of criteria used in making assessment for each characterization
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.	DP&Ls 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.
D	A review of Dayton Power & Light's historical reliability performance clearly shows the distribution system to be in excellent condition.	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.

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Rule #26
2013
Electric Service And Safety Standards

6. 4901:1-10-26 (B)(3)(b) Safety and Reliability Complaints

	a.
Type of system	Total number of safety & reliability complaints received directly from customers
D	118

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Rule #26
2013
Electric Service And Safety Standards

6.a. 4901:1-10-26 (B)(3)(b) Safety and Reliability Complaints Detailed Report

	1.	2.	3.	4.	5.	6.	7.
Type of system	Availability of service	Damage	Momentary interruption	Out of service	Quality of utility product	Repair service	Public safety
D	0	32	8	49	18	11	0

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Rule #26
2013
Electric Service And Safety Standards

7.a. 4901:1-10-26 (B)(3)(c) Transmission Capital Expenditures - Reliability Specific

Total transmission investment = $415,536,316

Account \ SubAccount	2013 budget	Budget as percent of investment	2013 actual	Actual as percent of investment	2014 budget	Current as percent of investment	Explanation of variance if over 10%
Transmission Blankets-Other	0	0.00%	719,000	0.17%	0	0.00%	Transmission Blankets-Other and Distribution Blankets-Other are budgeted together as one number. The budget is only included in Distribution Blankets-Other.
Transmission-Substation Reliability	0	0.00%	993,000	0.24%	0	0.00%	Transmission Catastrophic Repairs and Distribution Catastrophic Repairs were budgeted together as one number. The budget is only included in Distribution Catastrophic Repairs.
Transmission Reliability-Projects	6,423,000	1.55%	4,149,000	1.00%	1,020,000	0.25%	Planned projects came in under budget and a breaker replacement project was cancelled because existing breaker met capacity requirements.
Transmission Reliability-CCD	1,800,000	0.43%	197,000	0.05%	1,000,000	0.24%	DP&L received credits from shared projects.

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Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

7.b. 4901:1-10-26 (B)(3)(c) Transmission Maintenance Expenditures - Reliability Specific

Total transmission investment = $415,536,316

Account \ SubAccount	2013 Budget	Budget as percent of investment	2013 Actual	Actual as percent of investment	2014 Budget	Current as percent of investment	Explanation of variance if over 10%
Transmission Reliability	1,616,519	0.39%	1,170,913	0.28%	1,504,168	0.36%	A project originally scheduled for 2013 was moved to 2014 due to timing and safety certification requirements.

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Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

8.a. 4901:1-10-26 (B)(3)(d) Distribution Capital Expenditures - Reliability Specific

Total distribution investment = $1,513,563,904

Account \ SubAccount	2013 Budget	Budget as percent of investment	2013 Actual	Actual as percent of investment	2014 Budget	Current as percent of investment	Explanation of variance if over 10%
Distribution Blanket-Transformers	12,500,000	0.83%	13,259,000	0.88%	15,000,000	0.99%	
Distribution Blanket-Other	9,000,000	0.59%	9,018,000	0.60%	8,600,000	0.57%	
Distribution-Specific Projects	2,700,000	0.18%	1,596,000	0.11%	2,337,000	0.15%	Planned projects came in under budget or were cancelled.
Distribution-Field Reliability	7,850,000	0.52%	8,731,000	0.58%	7,850,000	0.52%	DP&L replaced more poles than originally scheduled.
Distribution-Underground Reliability	4,000,000	0.26%	3,909,000	0.26%	4,000,000	0.26%	
Distribution-Planning Reliability	1,400,000	0.09%	1,230,000	0.08%	2,050,000	0.14%	Replaced fewer 12kV capacitor banks than intially budgeted. The volume of new capacitor bank installations to provide voltage support was not as anticipated.

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

8.a. 4901:1-10-26 (B)(3)(d) Distribution Capital Expenditures - Reliability Specific

Total distribution investment = $1,513,563,904

Account \ SubAccount	2013 Budget	Budget as percent of investment	2013 Actual	Actual as percent of investment	2014 Budget	Current as percent of investment	Explanation of variance if over 10%
Distribution-Substation Reliability	2,210,000	0.15%	5,889,000	0.39%	3,410,000	0.23%	Transmission Catastrophic Repairs and Distribution Catastrophic Repairs were budgeted together as one number. The budget is only included in Distribution Catastrophic Repairs. Transmission and Distribution auto transformer failures drove additional spend.

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Rule #26
2013
Electric Service And Safety Standards

8.b. 4901:1-10-26 (B)(3)(d) Distribution Maintenance Expenditures - Reliability Specific

Total distribution investment = $1,513,563,904

Account \ SubAccount	2013 Budget	Budget as percent of investment	2013 Actual	Actual as percent of investment	2014 Budget	Current as percent of investment	Explanation of variance if over 10%
Distribution Reliability	32,154,018	2.12%	35,331,155	2.33%	34,585,779	2.29%	

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Rule #26
2013
Electric Service And Safety Standards

9. 4901:1-10-26 (B)(3)(e) Average Remaining Depreciation Life Of Distribution And Transmission Facilities

a.	b.	c.	d.	e.	f.	g.	h.
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 life of asset	Depreciation of how age was determined
D	Installations on Customer Premises	371	20	19.00	1	5.00%	Net Plant/Gross Plant
D	Installations on Customer Premises	371	50	34.00	16	32.00%	Net Plant/Gross Plant
D	Leased Property on Customer Premises	372	40	40.00	0	0.00%	Net Plant/Gross Plant
D	Line Transformers	368	44	15.00	29	65.91%	Net Plant/Gross Plant
D	Meters	370	32	9.00	23	71.88%	Net Plant/Gross Plant
D	Overhead Conductors and Devices	365	40	19.00	21	52.50%	Net Plant/Gross Plant
D	Poles, Towers and Fixtures	364	38	20.00	18	47.37%	Net Plant/Gross Plant
D	Services	369	33	25.00	8	24.24%	Net Plant/Gross Plant
D	Services	369	33	17.00	16	48.48%	Net Plant/Gross Plant
D	Station Equipment	362	50	17.00	33	66.00%	Net Plant/Gross Plant

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

9. 4901:1-10-26 (B)(3)(e) Average Remaining Depreciation Life Of Distribution And Transmission Facilities ... Continued ...

a.	b.	c.	d.	e.	f.	g.	h.
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 life of asset	Depreciation of how age was determined
D	Station Equipment	362	50	50.00	0	0.00%	Net Plant/Gross Plant
D	Station Equipment	362	50	21.00	29	58.00%	Net Plant/Gross Plant
D	Station Equipment	362	50	13.00	37	74.00%	Net Plant/Gross Plant
D	Station Equipment	362	50	10.00	40	80.00%	Net Plant/Gross Plant
D	Station Equipment	362	50	4.00	46	92.00%	Net Plant/Gross Plant
D	Station Equipment	362	50	39.00	11	22.00%	Net Plant/Gross Plant
D	Station Equipment	362	50	43.00	7	14.00%	Net Plant/Gross Plant
D	Station Equipment	362	11	11.00	0	0.00%	Net Plant/Gross Plant
D	Station Equipment	362	50	50.00	0	0.00%	Net Plant/Gross Plant
D	Station Equipment	362	50	50.00	0	0.00%	Net Plant/Gross Plant
D	Station Equipment	362	50	10.00	40	80.00%	Net Plant/Gross Plant

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

9. 4901:1-10-26 (B)(3)(e) Average Remaining Depreciation Life Of Distribution And Transmission Facilities ... Continued ...

a.	b.	c.	d.	e.	f.	g.	h.
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 life of asset	Depreciation of how age was determined
D	Structures and Improvements	361	45	21.00	24	53.33%	Net Plant/Gross Plant
D	Structures and Improvements	361	45	17.00	28	62.22%	Net Plant/Gross Plant
D	Structures and Improvements	361	45	20.00	25	55.56%	Net Plant/Gross Plant
D	Structures and Improvements	361	45	36.00	9	20.00%	Net Plant/Gross Plant
D	Structures and Improvements	361	45	15.00	30	66.67%	Net Plant/Gross Plant
D	Structures and Improvements	361	45	17.00	28	62.22%	Net Plant/Gross Plant
D	Structures and Improvements	361	45	30.00	15	33.33%	Net Plant/Gross Plant
D	Structures and Improvements	361	45	9.00	36	80.00%	Net Plant/Gross Plant
D	Structures and Improvements	361	45	0.00	45	100.00%	Net Plant/Gross Plant
D	Structures and Improvements	361	45	34.00	11	24.44%	Net Plant/Gross Plant
D	Structures and Improvements	361	45	16.00	29	64.44%	Net Plant/Gross Plant

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

9. 4901:1-10-26 (B)(3)(e) Average Remaining Depreciation Life Of Distribution And Transmission Facilities ... Continued ...

a.	b.	c.	d.	e.	f.	g.	h.
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 life of asset	Depreciation of how age was determined
D	Structures and Improvements	361	45	27.00	18	40.00%	Net Plant/Gross Plant
D	Structures and Improvements	361	45	39.00	6	13.33%	Net Plant/Gross Plant
D	Structures and Improvements	361	45	31.00	14	31.11%	Net Plant/Gross Plant
D	Structures and Improvements	361	45	14.00	31	68.89%	Net Plant/Gross Plant
D	Underground Conductor and Devices	367	38	17.00	21	55.26%	Net Plant/Gross Plant
D	Underground Conduit	366	55	28.00	27	49.09%	Net Plant/Gross Plant
T	Overhead Conductors and Devices	356	48	28.00	20	41.67%	Net Plant/Gross Plant
T	Overhead Conductors and Devices	356	39	38.00	1	2.56%	Net Plant/Gross Plant
T	Overhead Conductors and Devices	356	39	22.00	17	43.59%	Net Plant/Gross Plant
T	Poles and Fixtures	355	47	26.00	21	44.68%	Net Plant/Gross Plant

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

9. 4901:1-10-26 (B)(3)(e) Average Remaining Depreciation Life Of Distribution And Transmission Facilities ... Continued ...

a.	b.	c.	d.	e.	f.	g.	h.
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 life of asset	Depreciation of how age was determined
T	Poles and Fixtures	355	47	16.00	31	65.96%	Net Plant/Gross Plant
T	Poles and Fixtures	355	47	47.00	0	0.00%	Net Plant/Gross Plant
T	Poles and Fixtures	355	47	16.00	31	65.96%	Net Plant/Gross Plant
T	Roads and Trails	359	45	28.00	17	37.78%	Net Plant/Gross Plant
T	Station Equipment	353	50	24.00	26	52.00%	Net Plant/Gross Plant
T	Station Equipment	353	50	37.00	13	26.00%	Net Plant/Gross Plant
T	Station Equipment	353	32	18.00	14	43.75%	Net Plant/Gross Plant
T	Station Equipment	353	32	22.00	10	31.25%	Net Plant/Gross Plant
T	Station Equipment	353	11	11.00	0	0.00%	Net Plant/Gross Plant
T	Structures and Improvements	352	50	33.00	17	34.00%	Net Plant/Gross Plant
T	Structures and Improvements	352	50	43.00	7	14.00%	Net Plant/Gross Plant

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

9. 4901:1-10-26 (B)(3)(e) Average Remaining Depreciation Life Of Distribution And Transmission Facilities ... Continued ...

a.	b.	c.	d.	e.	f.	g.	h.
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 life of asset	Depreciation of how age was determined
T	Structures and Improvements	352	38	8.00	30	78.95%	Net Plant/Gross Plant
T	Structures and Improvements	352	38	37.00	1	2.63%	Net Plant/Gross Plant
T	Towers and Fixtures	354	50	49.00	1	2.00%	Net Plant/Gross Plant
T	Towers and Fixtures	354	39	39.00	0	0.00%	Net Plant/Gross Plant
T	Towers and Fixtures	354	39	35.00	4	10.26%	Net Plant/Gross Plant
T	Underground Conductor and Devices	358	45	27.00	18	40.00%	Net Plant/Gross Plant
T	Underground Conduit	357	60	41.00	19	31.67%	Net Plant/Gross Plant

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10. 4901:1-10-26 (B)(3)(f)(i) & (ii) Inspection, Maintenance, Repair And Replacement Distribution, Transmission And Substation Programs Summary Report

a.	b.	c.	d.	e.
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	Calibrate 225 - 12/4 kV relays	Y	Inspections completed as planned
D	Capacitor Inspections (Fixed Banks)	Complete the inspection of approximately 543 fixed capacitors annually	Y	Inspections completed as planned
D	Capacitor Inspections (Switched Banks)	Complete the inspection of approximately 828 switched capacitors annually	Y	Inspections completed as planned
D	Distribution Circuit Patrol	Inspect 91 circuits	Y	Inspections completed as planned
D	Distribution Line Clearance	Perform full circuit vegetation maintenance on approximately 20% of distribution system	Y	Trimming completed as planned
D	Distribution Line Clearance Inspection	Evaluate 91 circuits	Y	Program goals were met

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10. 4901:1-10-26 (B)(3)(f)(i) & (ii) Inspection, Maintenance, Repair And Replacement Distribution, Transmission And Substation Programs Summary Report ... Continued ...

a.	b.	c.	d.	e.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
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
D	Recloser Inspections	Complete the inspection of approximately 564 reclosers	Y	Inspections completed as planned
D	Underground Device Inspections	Inspect URD devices on 334 map grids	Y	Inspections completed as planned
D	Visual Inspection of Airbreak Switches	Inspect approximately 1,552 switches	Y	Inspections completed as planned
D	Voltage Regulator Inspections	515 regulator inspections scheduled for 2013	Y	Inspections completed as planned

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10. 4901:1-10-26 (B)(3)(f)(i) & (ii) Inspection, Maintenance, Repair And Replacement Distribution, Transmission And Substation Programs Summary Report ... Continued ...

a.	b.	c.	d.	e.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
T	138 kV Aerial Patrol	Inspect 138 kV circuits, 4 times per year	Y	Inspections completed as planned
TS	138/69/33 kV Relay Calibration	Calibrate 524 - 138/69/33 kV relays	Y	Inspections completed as planned
T	345 kV Aerial Patrol	Inspect 345 kV circuits, 4 times per year	Y	Inspections completed as planned
TS	345 kV Relay Calibration	Calibrate 6 - 345 kV relays	Y	Inspections completed as planned
T	69 kV Aerial Patrol	Inspect 69 kV circuits, semi-annually	Y	Inspections completed as planned
TS	Circuit Breaker Preventive Maintenance	Complete maintenance on 216 circuit breakers	Y	Maintenance completed as planned
TS	External Visual Inspection of Substation Transformers	Inspect 300 Substation Transformers monthly	Y	Inspections completed as planned
T	Herbicide Application	Apply herbicide as needed	Y	Spray program completed

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10. 4901:1-10-26 (B)(3)(f)(i) & (ii) Inspection, Maintenance, Repair And Replacement Distribution, Transmission And Substation Programs Summary Report ... Continued ...

a.	b.	c.	d.	e.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
TS	Operational Testing of Circuit Breakers	Conduct an operational test for breakers that are not otherwise operated during the calendar year	Y	Completed 99.9% of scheduled testing (1 breaker not operated due Stuart Unit #1 BK-1B Aux Transformer Out)
TS	Substation Transformer Doble Test	Perform power factor tests on 70 substation transformers	Y	Testing completed as planned.
TS	Substation Transformer LTC Maintenance	Complete maintenance on 56 LTCs	Y	Maintenance completed as planned
TS	Substation Transformers Dielectric Oil Breakdown Test	Perform 70 transformer oil dielectric breakdown tests	Y	Testing completed as planned.
TS	Thermographic Imaging of Substation Transformers	Infrared 300 Substation Transformers	Y	Inspections completed as planned

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10. 4901:1-10-26 (B)(3)(f)(i) & (ii) Inspection, Maintenance, Repair And Replacement Distribution, Transmission And Substation Programs Summary Report ... Continued ...

a.	b.	c.	d.	e.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
TS	Thermographic Inspection of Substation Switches	Infrared approximately 2,362 Substation Switches	Y	Inspections completed as planned
T	Thermographic Inspection of Transmission Lines	Perform thermographic inspections where needed	Y	No thermographic inspection of transmission lines were scheduled in 2013
T	Transmission Line Clearance	Trim trees where needed	Y	All goals met in 2013
TS	Visual Inspection of Circuit Breakers	Inspect approximately 1,300 Circuit Breakers monthly	Y	Inspections completed as planned
T	Visual Inspection of Transmission Lines/Right-Of-Way	Inspect 28 circuits in metro - no fly zone	Y	Inspections completed as planned

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.a. 4901:1-10-26 (B)(3)(f)(i) If Response In Column "d" Of Report 10 Is "Yes"

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	Quantitative description of actual performance in either numerical values or percentages
12/4 kV Relay Calibration GOAL - Calibrate 225 - 12/4 kV relays	Testing completed as planned	All program goals were met.	391 relays were tested and calibrated. Additional relays were tested/calibrated ahead of schedule to help balance future volumes.	100% complete
Capacitor Inspections (Fixed Banks) GOAL - Complete the inspection of approximately 543 fixed capacitors annually	Inspections were completed as planned	All program goals were met	Inspected 538 fixed capacitor banks. Difference is related to circuits being re-evaluated and removing capacitor banks.	100% Complete

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.a. 4901:1-10-26 (B)(3)(f)(i) If Response In Column "d" Of Report 10 Is "Yes" ... Continued ...

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	Quantitative description of actual performance in either numerical values or percentages
Capacitor Inspections (Switched Banks) GOAL - Complete the inspection of approximately 828 switched capacitors annually	Inspections were completed as planned	All program goals were met	Inspected 825 switched capacitors. Difference is related to circuits being re-evaluated and removing capacitor banks.	100% complete
Distribution Circuit Patrol GOAL - Inspect 91 circuits	Inspections were completed as planned	All program goals were met	Inspected 91 circuits in 2013	100% Complete
Distribution Line Clearance GOAL - Perform full circuit vegetation maintenance on approximately 20% of distribution system	Trimming completed as planned	All program goals were met	Performed full circuit vegetation management on 1570.25 miles of our distribution system which encompasses 73 circuits. We also addressed 22 branch lines and completed 125 customer tickets.	100% complete

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.a. 4901:1-10-26 (B)(3)(f)(i) If Response In Column "d" Of Report 10 Is "Yes" ... Continued ...

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	Quantitative description of actual performance in either numerical values or percentages
Distribution Line Clearance Inspection GOAL - Evaluate 91 circuits	Inspections were completed as planned	All program goals were met	Inspected 91 circuits in 2013	100% Complete
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 4 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 remediated reliability problems on ORP circuits	100% Complete

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.a. 4901:1-10-26 (B)(3)(f)(i) If Response In Column "d" Of Report 10 Is "Yes" ... Continued ...

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	Quantitative description of actual performance in either numerical values or percentages
Pole Replacement and Testing Program GOAL - Inspect and test poles on approximately 13% of DP&L's circuits	Inspections were completed as planned	All program goals were met	32,215 poles were inspected and tested through the pole replacement program	100% Complete
Recloser Inspections GOAL - Complete the inspection of approximately 564 reclosers	Inspections were completed as planned	All program goals were met	Inspected 576 reclosers	100% Complete
Underground Device Inspections GOAL - Inspect URD devices on 334 map grids	Inspections were completed as planned	All program goals were met	Inspected 334 map grids containing URD devices	100% Complete

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.a. 4901:1-10-26 (B)(3)(f)(i) If Response In Column "d" Of Report 10 Is "Yes" ... Continued ...

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	Quantitative description of actual performance in either numerical values or percentages
Visual Inspection of Airbreak Switches GOAL - Inspect approximately 1,552 switches	Inspections were completed as planned	All program goals were met	Inspected 1575 switches	100% Complete
Voltage Regulator Inspections GOAL - 515 regulator inspections scheduled for 2013	Inspections were completed as planned	All program goals were met	Inspected 520 regulators. Difference is related to regulators installed or removed on the system.	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 33-138 kV transmission lines, 4 times each	100% Complete

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.a. 4901:1-10-26 (B)(3)(f)(i) If Response In Column "d" Of Report 10 Is "Yes" ... Continued ...

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	Quantitative description of actual performance in either numerical values or percentages
138/69/33 kV Relay Calibration GOAL - Calibrate 524 - 138/69/33 kV relays	Testing completed as planned	All program goals were met	671 relays were tested and calibrated. Additional relays were tested/calibrated ahead of schedule to help balance future volumes.	100% complete
345 kV Aerial Patrol GOAL - Inspect 345 kV circuits, 4 times per year	Inspections were completed as planned	All program goals were met	Inspected 14-345 kV transmission lines, 4 times each	100% Complete
345 kV Relay Calibration GOAL - Calibrate 6 - 345 kV relays	Inspections were completed as planned	All program goals were met	15 relays were tested/calibrated. Additional relays were tested/calibrated ahead of schedule to help balance future volumes.	100% Complete

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.a. 4901:1-10-26 (B)(3)(f)(i) If Response In Column "d" Of Report 10 Is "Yes" ... Continued ...

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	Quantitative description of actual performance in either numerical values or percentages
69 kV Aerial Patrol GOAL - Inspect 69 kV circuits, semi-annually	Inspections were completed as planned	All program goals were met	Inspected 86-69 kV transmission lines, 2 times each	100% Complete
Circuit Breaker Preventive Maintenance GOAL - Complete maintenance on 216 circuit breakers	Inspections were completed as planned	All program goals were met	Performed maintenance on 221 circuit breakers in 2013	100% complete
External Visual Inspection of Substation Transformers GOAL - Inspect 300 Substation Transformers monthly	Inspections were completed as planned	All program goals were met	Performed monthly inspections on 300 transformer units	100% Complete

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.a. 4901:1-10-26 (B)(3)(f)(i) If Response In Column "d" Of Report 10 Is "Yes" ... Continued ...

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	Quantitative description of actual performance in either numerical values or percentages
Herbicide Application GOAL - Apply herbicide as needed	Herbicide applications were made in applicable areas for safety and reliability	All program goals were met	26 areas received herbicide application	100% Complete
Operational Testing of Circuit Breakers GOAL - Conduct an operational test for breakers that are not otherwise operated during the calendar year	Testing completed	All program goals were met	677 of 678 breakers operated or were operated in 2013. Completed 99.9% of scheduled testing (1 breaker not operated due Stuart Unit #1 BK-1B Aux Transformer Out).	99.9% complete
Substation Transformer Doble Test GOAL - Perform power factor tests on 70 substation transformers	Completed as planned	All program goals were met	Power factor testng was performed on 76 transformers	100% complete

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.a. 4901:1-10-26 (B)(3)(f)(i) If Response In Column "d" Of Report 10 Is "Yes" ... Continued ...

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	Quantitative description of actual performance in either numerical values or percentages
Substation Transformer LTC Maintenance GOAL - Complete maintenance on 56 LTCs	Inspections were completed as planned	All program goals were met	Performed maintenance on 57 LTCs	100% complete
Substation Transformers Dielectric Oil Breakdown Test GOAL - Perform 70 transformer oil dielectric breakdown tests	Completed as planned	All program goals were met	Performed oil dielectric breakdown tests on 76 transformers	100% complete
Thermographic Imaging of Substation Transformers GOAL - Infrared 300 Substation Transformers	Inspections were completed as planned	All program goals were met	Performed infrared inspection on 300 transformer units	100% complete

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.a. 4901:1-10-26 (B)(3)(f)(i) If Response In Column "d" Of Report 10 Is "Yes" ... Continued ...

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	Quantitative description of actual performance in either numerical values or percentages
Thermographic Inspection of Substation Switches GOAL - Infrared approximately 2,362 Substation Switches	Inspections were completed as planned	All program goals were met	Performed inspections on 2362 substation switches	100% complete
Thermographic Inspection of Transmission Lines GOAL - Perform thermographic inspections where needed	N/A	N/A	No inspections were scheduled in 2013	N/A
Transmission Line Clearance GOAL - Trim trees where needed	Spot trimmed as necessary	All program goals were met	Spot trimming completed in 324 locations	100% Complete

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.a. 4901:1-10-26 (B)(3)(f)(i) If Response In Column "d" Of Report 10 Is "Yes" ... Continued ...

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	Quantitative description of actual performance in either numerical values or percentages
Visual Inspection of Circuit Breakers GOAL - Inspect approximately 1,300 Circuit Breakers monthly	Inspections were completed as planned	All program goals were met	1300 circuit breakers were inspected monthly	100% complete
Visual Inspection of Transmission Lines/Right-Of-Way GOAL - Inspect 28 circuits in metro - no fly zone	Inspections were completed as planned	All program goals were met	Inspected 25 circuits in metro no fly zone (3 circuits were taken out of service)	100% Complete

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10b. 4901:1-10-26 (B)(3)(f)(i) If Response In Column "D" Of Report 10 Is "No"

1.	2.	3.	4.	5.
Program name	Cause(s) for not achieving goal(s)	Description of level of completion of goal	Quantitative description of goal in either numerical values or percentages	Quantitative description of level of completion of goal in either numerical values or percentages

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.c. 4901:1-10-26 (B)(3)(f)(iii) Remedial Activity

1.	2.	3.	4.	5.	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 date
12/4 kV Relay Calibration GOAL - Calibrate 225 - 12/4 kV relays	DS					
138 kV Aerial Patrol GOAL - Inspect 138 kV circuits, 4 times per year	T					
138/69/33 kV Relay Calibration GOAL - Calibrate 524 - 138/69/33 kV relays	TS					

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.c. 4901:1-10-26 (B)(3)(f)(iii) Remedial Activity ... Continued ...

1.	2.	3.	4.	5.	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 date
345 kV Aerial Patrol GOAL - Inspect 345 kV circuits, 4 times per year	T	The following maintenance items were identified during transmission line inspections: Critical: 1 item, Medium priority: 13 items, Minor : 7 items	Completed 1 repair to critical items, 7 repairs to medium items and 6 repairs to minor items	01/31/2014		
345 kV Relay Calibration GOAL - Calibrate 6 - 345 kV relays	TS					
69 kV Aerial Patrol GOAL - Inspect 69 kV circuits, semi-annually	T					

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.c. 4901:1-10-26 (B)(3)(f)(iii) Remedial Activity ... Continued ...

1.	2.	3.	4.	5.	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 date
Capacitor Inspections (Fixed Banks) GOAL - Complete the inspection of approximately 543 fixed capacitors annually	D	124 repair items were indentified during the capacitor inspections. Typical reapirs include replacing blown lightning arresters, controls, blown fuses, etc.	Completed 82 repairs to capacitors in 2013.		42 maintenance repairs to be completed from the 2013 inspections. Additionally, 31 repair items need to be completed from 2012 inspections, 14 repair items from 2011 inspections and 1 repair item from 2010 inspections which will be scheduled with regular work on the circuit	12/31/2014

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.c. 4901:1-10-26 (B)(3)(f)(iii) Remedial Activity ... Continued ...

1.	2.	3.	4.	5.	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 date
Capacitor Inspections (Switched Banks) GOAL - Complete the inspection of approximately 828 switched capacitors annually	D					
Circuit Breaker Preventive Maintenance GOAL - Complete maintenance on 216 circuit breakers	TS					

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.c. 4901:1-10-26 (B)(3)(f)(iii) Remedial Activity ... Continued ...

1.	2.	3.	4.	5.	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 date
Distribution Circuit Patrol GOAL - Inspect 91 circuits	D	12,187 repairs were identified during the inspections. Repair items include broken down guys, blown arrestors, broken x-arms, etc.	As of 2/4/14, 8,774 items have been completed		3413 items are remain from the 2013 inspections. Additionally, 1656 repair items from 2012 inspections, 1029 repair items from 2011 inspections, and 208 repair items still need to be completed from 2010 inspections which will be scheduled with routine work on the circuits.	12/31/2014
Distribution Line Clearance GOAL - Perform full circuit vegetation maintenance on approximately 20% of distribution system	D					

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.c. 4901:1-10-26 (B)(3)(f)(iii) Remedial Activity ... Continued ...

1.	2.	3.	4.	5.	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 date
Distribution Line Clearance Inspection GOAL - Evaluate 91 circuits	D					
External Visual Inspection of Substation Transformers GOAL - Inspect 300 Substation Transformers monthly	TS	17 maintenance items were identifed as requiring remedial activity. Examples of repair items include: inoperative cooling fans, inoperative winding temperature guage, bushing low oil level, low oil level in main tank or LTC compartments, major LTC filter oil leak and sudden pressure relay operations.	Repairs were completed on 14 transformers		3 repairs are scheduled in conjunction with next maintenance cycle.	

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.c. 4901:1-10-26 (B)(3)(f)(iii) Remedial Activity ... Continued ...

1.	2.	3.	4.	5.	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 date
Herbicide Application GOAL - Apply herbicide as needed	T					
Monitor Branch Line Reliability Performance GOAL - Evaluate least-reliable branch lines and initiate remedial action where needed	D					

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.c. 4901:1-10-26 (B)(3)(f)(iii) Remedial Activity ... Continued ...

1.	2.	3.	4.	5.	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 date
Monitor Circuit Reliability Performance GOAL - Evaluate least-reliable circuits and initiate remedial action where needed	D	Repair items were identified during the inspection of ORP circuits. Typical repair items include: Lightning arrestors, cut-out, pole replacements/reinforcements, cable injection or replacement	Refer to Rule 11 for specifics on remedial items for individual ORP circuits		Refer to Rule 11 for specifics on remedial items for individual ORP circuits	12/31/2014
Operational Testing of Circuit Breakers GOAL - Conduct an operational test for breakers that are not otherwise operated during the calendar year	TS					

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.c. 4901:1-10-26 (B)(3)(f)(iii) Remedial Activity ... Continued ...

1.	2.	3.	4.	5.	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 date
Pole Replacement and Testing Program GOAL - Inspect and test poles on approximately 13% of DP&L's circuits	D	3399 poles initially failed the inspection and test	140 poles have been reinforced and 374 poles have been replaced		As of 3/19/2014, 2885 pole replacements to be completed	12/31/2015
Recloser Inspections GOAL - Complete the inspection of approximately 564 reclosers	D	4 repair items were identified. Items identified include insulator, arrester and cutout issues.	Completed 1 repair to recloser in 2013		3 maintenance items need to be completed from 2013. Additionally, 2 maintenance items need to be completed from the 2012 inspections.	12/31/2014

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.c. 4901:1-10-26 (B)(3)(f)(iii) Remedial Activity ... Continued ...

1.	2.	3.	4.	5.	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 date
Substation Transformer Doble Test GOAL - Perform power factor tests on 70 substation transformers	TS	Changes in power factor readings require remedial actions such as bushing or transformer replacement. 6 problems were identified requiring bushing changeouts.	2 transformers were completed that required bushing changeouts		4 transformer problems requiring bushing replacements will be prioritized and scheduled in conjunction with next maintenance cycle	12/31/2014
Substation Transformer LTC Maintenance GOAL - Complete maintenance on 56 LTCs	TS					

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.c. 4901:1-10-26 (B)(3)(f)(iii) Remedial Activity ... Continued ...

1.	2.	3.	4.	5.	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 date
Substation Transformers Dielectric Oil Breakdown Test GOAL - Perform 70 transformer oil dielectric breakdown tests	TS					
Thermographic Imaging of Substation Transformers GOAL - Infrared 300 Substation Transformers	TS					

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.c. 4901:1-10-26 (B)(3)(f)(iii) Remedial Activity ... Continued ...

1.	2.	3.	4.	5.	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 date
Thermographic Inspection of Substation Switches GOAL - Infrared approximately 2,362 Substation Switches	TS	Infrared inspections of substation switches identified bad or deteriorated contacts. 6 problems were identified during inspections	A second thermographic picture was taken to confirm problems. Once the problem(s) was confirmed the switches were replaced or removed from service, cleaned, maintenance and returned to service. 6 repairs were made in 2013.	12/31/2013		
Thermographic Inspection of Transmission Lines GOAL - Perform thermographic inspections where needed	T					

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.c. 4901:1-10-26 (B)(3)(f)(iii) Remedial Activity ... Continued ...

1.	2.	3.	4.	5.	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 date
Transmission Line Clearance GOAL - Trim trees where needed	T					
Underground Device Inspections GOAL - Inspect URD devices on 334 map grids	D	470 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 1/21/14, 441 repairs are complete		29 repair items still need to be completed. Additionally, 19 repair items still need to be completed from 2011 inspections and 16 repair items from 2010 inspections.	12/31/2014

10.c. 4901:1-10-26 (B)(3)(f)(iii) Remedial Activity ... Continued ...

1.	2.	3.	4.	5.	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 date
Visual Inspection of Airbreak Switches GOAL - Inspect approximately 1,552 switches	D	72 repair items were indentified during the air break inspections. Typical repairs include replacing blown lightning arresters, pole grounds, handles, etc.	Completed 37 air break repairs in 2013		35 maintenance repairs to be completed from the 2013 inspections. Additionally, 1 repair item needs to be completed from 2012 inspections, 2 repair items from 2011 inspections and 2 repair items from 2010 inspections which will be scheduled with regular work on the circuit.	12/31/2014
Visual Inspection of Circuit Breakers GOAL - Inspect approximately 1,300 Circuit Breakers monthly	TS	Compressor or motor problems, low oil or SF6 gas levels are examples of findings requiring remedial attention. 152 breaker problems were identified and prioritized	Repaired 132 breaker problems		20 minor breaker problems are scheduled to be repaired in conjunction with next maintenance cycle.	12/31/2014

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.c. 4901:1-10-26 (B)(3)(f)(iii) Remedial Activity ... Continued ...

1.	2.	3.	4.	5.	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 date
Visual Inspection of Transmission Lines/Right-Of-Way GOAL - Inspect 28 circuits in metro - no fly zone	T					
Voltage Regulator Inspections GOAL - 515 regulator inspections scheduled for 2013	D	6 regulators were identified during the regulator inspection program as needing replaced	Completed 6 regulator replacements	12/31/2013		

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 inspection.

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.d. 4901:1-10-26 (B)(3)(f) Current Year Goals

1.	2.	3.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals
DS	12/4 kV Relay Calibration	Calibrate 251 - 12/4 kV relays
D	Capacitor Inspections (Fixed Banks)	Complete the inspection of approximately 538 fixed capacitors
D	Capacitor Inspections (Switched Banks)	Complete the inspection of approximately 825 switched capacitors
D	Distribution Circuit Patrol	Inspect 91 circuits
D	Distribution Line Clearance	Perform full circuit vegetation maintenance on approximately 20% of distribution system
D	Distribution Line Clearance Inspection	Evaluate 91 circuits
D	Monitor Branch Line Reliability Performance	Evaluate least-reliable branch lines and initiate remedial action where needed
D	Monitor Circuit Reliability Performance	Evaluate least-reliable circuits and initiate remedial action where needed
D	Pole Replacement and Testing Program	Inspect and test poles on approximately 10% of DP&L's circuits

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.d. 4901:1-10-26 (B)(3)(f) Current Year Goals ... Continued ...

1.	2.	3.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals
D	Recloser Inspections	Complete the inspection of approximately 576 reclosers
D	Underground Device Inspections	Inspect URD devices on 341 map grids
D	Visual Inspection of Airbreak Switches	Inspect approximately 1,575 switches
D	Voltage Regulator Inspections	0 regulator inspections scheduled for 2014
T	138 kV Aerial Patrol	Inspect 138 kV circuits, 4 times per year
TS	138/69/33 kV Relay Calibration	Calibrate 92 - 138/69/33 kV relays
T	345 kV Aerial Patrol	Inspect 345 kV circuits, 4 times per year
TS	345 kV Relay Calibration	Calibrate 7 - 345 kV relays
T	69 kV Aerial Patrol	Inspect 69 kV circuits, semi-annually
TS	Circuit Breaker Preventive Maintenance	Complete maintenance on 217 circuit breakers

10.d. 4901:1-10-26 (B)(3)(f) Current Year Goals ... Continued ...

1.	2.	3.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals
TS	External Visual Inspection of Substation Transformers	Inspect approximately 300 Substation Transformers monthly
T	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
TS	Substation Transformer Doble Test	Perform power factor tests on 66 substation transformers
TS	Substation Transformer LTC Maintenance	Complete maintenance on 49 LTCs
TS	Substation Transformers Dielectric Oil Breakdown Test	Perform 66 transformer oil dielectric breakdown tests
TS	Thermographic Imaging of Substation Transformers	Infrared approximately 300 Substation Transformers
TS	Thermographic Inspection of Substation Switches	Infrared approximately 2,362 Substation Switches

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

10.d. 4901:1-10-26 (B)(3)(f) Current Year Goals ... Continued ...

1.	2.	3.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals
T	Thermographic Inspection of Transmission Lines	Perform thermographic inspections where needed
T	Transmission Line Clearance	Trim trees where needed
TS	Visual Inspection of Circuit Breakers	Inspect approximately 1,300 Circuit Breakers monthly
T	Visual Inspection of Transmission Lines/Right-Of-Way	Inspect 25 circuits in metro - no fly zone

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

11. 4901:1-10-26 (B)(3)(f)(iv) Prevention Of Overloading Or Excessive Loading Of Facilities And Equipment Program(s)

a.	b.	c.
Transmission or Distribution ("T" or "D")	Program or plan name	Program Description
D	Distribution Planning	The distribution planning process includes an ongoing analysis of each component and its response to current and projected peak loads. Short and long-range plans are developed and continually refined based on changing customer needs and the dynamic nature of the distribution system.
T	Transmission Planning	DP&L performs an evaluation of its transmission system on an annual basis and in response to significant proposed changes to the system, such as the installation of a generating plant or a large change in customer load at a given location. DP&L bases its transmission system evaluations on a recent power flow model developed by ReliabilityFirst on behalf of its members. A detailed model of the DP&L transmission system is then inserted in order to include all 69 kV and 138 kV facilities. Changes may be made to the generation dispatch in order to evaluate the most stressful conditions on the system. The evaluations typically consist of comprehensive contingency analyses including outages of single segment transmission lines, multiple-terminal transmission lines, transformers, generating units, and double circuits. The results of these studies are checked for thermal overloading and excessive voltage drop according to NERC/ReliabilityFirst.

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

12. 4901:1-10-26 (B)(3)(f)(v) Actions To Remedy Overloading Or Excessive Loading Of Equipment And Facilities

Program Name = Distribution Planning

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	Bellbrook {D}/GK1201	01/06/2014	Phase Balancing	01/16/2014	Transfer load from phase B to phase A on Bellbrook circuit GK1201	01/16/2014
D	Coldwater {D}/KA1201	05/01/2013	Phase Balancing	06/07/2013	Transfer load from phase A to phase B on Coldwater circuit KA1201	06/07/2013
D	Coldwater {D}/KA1201	05/01/2013	Phase Balancing	06/07/2013	Transfer load from phase A to phase C on Coldwater circuit KA1201	06/07/2013
D	Gettysburg/LG1202	01/01/2014	Phase Balancing	03/21/2014	Transfer load from phase C to phase A on Gettysburg circuit LG1202	
D	West Manchester {D}/MC1201	07/01/2013	Phase Balancing	07/19/2013	Transfer load from phase B to phase A on West Manchester circuit MC1201	07/19/2013

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

12. 4901:1-10-26 (B)(3)(f)(v) Actions To Remedy Overloading Or Excessive Loading Of Equipment And Facilities ... Continued ...

Program Name = Distribution Planning

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	West Manchester (D)/MC1201	01/01/2014	Phase Balancing	03/01/2014	Transfer load from phase C to phase B on West Manchester circuit MC1201	02/13/2014
D	Brookville/ME1203	12/01/2013	Phase Balancing	12/11/2013	Transfer load from phase B to phase A on Brookville circuit ME1203	12/11/2013
D	New Lebanon/MI1201	01/01/2014	Phase Balancing	03/01/2014	Transfer load from phase A to phase B on New Lebanon circuit MI1201	01/23/2014
D	Normandy (D)/RN1201	01/06/2014	Phase Balancing	01/16/2014	Transfer load from phase B to phase C on Normandy circuit RN1201	01/16/2014
D	Normandy (D)/RN1204	01/06/2014	Phase Balancing	01/16/2014	Transfer load from phase C to phase B on Normandy circuit RN1204	01/16/2014

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

12. 4901:1-10-26 (B)(3)(f)(v) Actions To Remedy Overloading Or Excessive Loading Of Equipment And Facilities ... Continued ...

Program Name = Distribution Planning

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	Huber Heights {D}/AN1208	12/01/2013	Phase Balancing	12/23/2013	Transfer load from phase A to phase B on Huber Heights circuit AN1208	12/23/2013
D	Huber Heights {D}/AN1208	12/01/2013	Phase Balancing	12/23/2013	Transfer load from phase A to phase C on Huber Heights circuit AN1208	12/23/2013
D	Martinsville/HD1202	01/06/2014	Phase Balancing	01/07/2014	Transfer load from phase C to phase A on Martinsville circuit HD1202	01/07/2014
D	Webster {D}/AY1237	03/01/2013	Phase Balancing	09/18/2013	Transfer load from phase C to phase B on Webster circuit AY1237	09/18/2013
D	Marysville {D}/CB1208	09/01/2012	Phase Balancing	06/01/2014	Transfer load from phase C to phase A on Marysville circuit CB1208	
D	Airway {D}/AJ1205	01/06/2014	Phase Balancing	01/16/2014	Transfer load from phase B to phase C on Airway circuit AJ1205	01/16/2014

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

12. 4901:1-10-26 (B)(3)(f)(v) Actions To Remedy Overloading Or Excessive Loading Of Equipment And Facilities ... Continued ...

Program Name = Distribution Planning

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	McCartysville/BG1202	03/01/2013	Reduce loading through transfers	07/01/2013	Transfer load from McCartyville circuit BG1202 to Botkins circuit BI1202	06/10/2013
D	Dixie (D)/RL1209	09/01/2014	Reduce loading through transfers	07/01/2014	Transfer load from Dixie circuit RL1209 to Kettering circuit AO1202	
D	Dayton Mall (D)/RJ1230	09/01/2014	Reduce loading through transfers	07/01/2014	Transfer load from Dayton Mall circuit RJ1230 to Yankee circuit RH1215	
D	Coldwater (D)/KA1201	01/01/2014	Reduce loading through transfers	03/01/2014	Transfer load from Coldwater circuit KA1201 to Chickasaw circuit KH1202	03/03/2014
D	Ft. Recovery/KG1203	02/01/2013	Reduce loading through transfers	02/22/2013	Transfer load from Fort Recovery circuit KG1203 to Fort Recovery circuit KG1201	02/22/2013

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

12. 4901:1-10-26 (B)(3)(f)(v) Actions To Remedy Overloading Or Excessive Loading Of Equipment And Facilities ... Continued ...

Program Name = Distribution Planning

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	Webster (D)/AY1231	07/01/2013	Reduce loading through transfers	07/16/2013	Transfer load from Webster circuit AY1232 to Webster circuit AY1231	07/16/2013

Notes

The following load transfers were not required as anticipated load growth did not take place: Englewood circuit RE1207 from phase B to phase C; and Greenville circuit LD1205 from B phase to A phase.

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

13. 4901:1-10-26 (B)(3)(f)(vi) Programs Deleted

a.	b.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Deleted program name

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

14. 4901:1-10-26 (B)(3)(f)(vi) Programs Modified

a.	b.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Modified program name

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

15. 4901:1-10-26 (B)(3)(f)(vi) Program Added

a.	b.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Added program name

DPL Inc
Dayton Power and Light Co
Rule #26
2013
Electric Service And Safety Standards

16. 4901:1-10-26 (B)(4) Service Interruptions Due To Other Entity

a.	b.	c.	d.	e.	f.	g.
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")	Sub/Circuit(s) interrupted	Cause(s) of interruption of service
11/09/2013	2:39:19PM	Electric Distribution Utility	Pioneer REC	D	Troy {D}/OF1218	Other Electric Utility
05/21/2013	6:28:00AM	Electric Distribution Utility	Pioneer REC	T	Kings Creek {T}/Kings Creek - Marysville [6660]	Other Electric Utility

Summary: Annual Report for Rule 4901:1-10-26 Annual System Improvement Plan electronically filed by Mr. Robert J Adams on behalf of The Dayton Power and Light Company