



Regulatory Operations

March 28, 2012

Docketing Division
The Public Utilities Commission of Ohio
180 East Broad Street, 13th Floor
Columbus, Ohio 43215

Re: Case No. 12-1000-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,

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

Robert Adams
Regulatory Operations

BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Annual Report of
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. 12-1000-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



Bryce Nickel, Vice President, Service Operations
Responsible For Transmission & Distribution Reporting

3/5/12
Date

Report Date & Time: March 14, 2012 9:21 am

DPL Inc
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Rule #26
2011
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-006	D	Capacitor Program - install new capacitors and controls to optimize reactive supply on circuits	Various	Various	1,000,000	04/01/2013	12/31/2013	
CAP-007	D	Capacitor Program - install new capacitors and controls to optimize reactive supply on circuits	Various	Various	1,000,000	01/01/2014	12/31/2014	
CAP-008	D	Capacitor Program - install new capacitors and controls to optimize reactive supply on circuits	Various	Various	1,000,000	04/01/2015	12/31/2015	

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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-008	D	Cable Replacement Program - replace or inject deteriorating bare neutral primary cable	Various	Various	5,250,000	01/01/2015	12/31/2015	
DIS-032	D	Complete distribution circuit upgrade to QA1202 with parallel millionth cable	Miamisburg	Various	361,000	01/01/2011	12/31/2011	12/31/2011
DIS-033	D	Distribution circuit RJ1202 - Underground cable replacement	Miamisburg	Urban	390,000	01/01/2011	06/01/2011	05/31/2011

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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-034	D	Reconductor and extend distribution circuit EG1207	Indian Lake	Rural	500,000	01/01/2012	06/01/2012	
DIS-035	D	Reconductor a section of distribution circuit EG1205	Indian Lake	Rural	400,000	01/01/2013	06/01/2013	
DIS-036	D	4 kV to 12 kV Conversion Project	Various	Various	3,000,000	01/01/2012	12/31/2012	
DIS-037	D	4 kV to 12 kV Conversion Project	Various	Various	3,000,000	01/01/2013	12/31/2013	
DIS-038	D	4 kV to 12 kV Conversion Project	Various	Various	1,500,000	01/01/2014	12/31/2014	

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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-005	D	Overhead Reliability Program - complete repairs, upgrades or other reliability improvements to least-reliable circuits	Various	Various	1,000,000	01/01/2012	12/31/2012	
ORP-006	D	Overhead Reliability Program - complete repairs, upgrades or other reliability improvements to least-reliable circuits	Various	Various	1,000,000	01/01/2013	12/31/2013	

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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-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	
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	

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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
PCR-001	D	Planned replacement of cutouts	Various	Various	1,237,000	01/01/2011	12/31/2011	12/31/2011
PCR-002	D	Planned replacement of cutouts	Various	Various	1,500,000	01/01/2012	12/31/2012	
PCR-003	D	Planned replacement of cutouts	Various	Various	1,500,000	01/01/2013	12/31/2013	
PCR-004	D	Planned replacement of cutouts	Various	Various	1,500,000	01/01/2014	12/31/2014	
PCR-005	D	Planned replacement of cutouts	Various	Various	1,500,000	01/01/2015	12/31/2015	

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1. 4901:1-10-26 (B)(1) Future Investment Plan For Facilities And Equipment (covering period of no less than three years) ...
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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	Planned completion date	Actual completion date
PRP-006	D	Distribution Pole Inspection and Replacement Program - inspect distribution poles and repair/replace poles as necessary	Various	Various	5,000,000	01/01/2013	12/31/2013	
PRP-007	D	Distribution Pole Inspection and Replacement Program - inspect distribution poles and repair/replace poles as necessary	Various	Various	5,000,000	01/01/2014	12/31/2014	

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1. 4901:1-10-26 (B)(1) 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	Planned completion date	Actual completion date
PRP-008	D	Distribution Pole Inspection and Replacement Program - inspect distribution poles and repair/replace poles as necessary	Various	Various	5,000,000	01/01/2015	12/31/2015	
RAP-005	D	Reliability Action Plan - complete repairs, upgrades or other reliability improvements to least-reliable branch-lines	Various	Various	500,000	01/01/2012	12/31/2012	

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1. 4901:1-10-26 (B)(1) 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	Planned completion date	Actual completion date
RAP-006	D	Reliability Action Plan - complete repairs, upgrades or other reliability improvements to least-reliable branch-lines	Various	Various	500,000	01/01/2013	12/31/2013	
RAP-007	D	Reliability Action Plan - complete repairs, upgrades or other reliability improvements to least-reliable branch-lines	Various	Various	500,000	01/01/2014	12/31/2014	

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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
RAP-008	D	Reliability Action Plan - complete repairs, upgrades or other reliability improvements to least-reliable branch-lines	Various	Various	500,000	01/01/2015	12/31/2015	
RTO-001	T	PJM Regional Transmission Expansion Plan - Second Shelby 345/138 kV transformer	Bulk Electric System (BES)	Various	5,200,000	01/01/2013	06/01/2014	
RTO-003	T	PJM Regional Transmission Expansion Plan - Bath - Trebein 138 kV reconductor	Bulk Electric System (BES)	Various	1,300,000	01/01/2015	06/01/2015	

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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-004	T	PJM Regional Transmission Expansion Plan - Second Bath 345/138 kV transformer	Bulk Electric System (BES)	Various	7,000,000	01/01/2015	06/01/2015	
RTO-005	T	PJM Regional Transmission Expansion Plan - add Marysville 345/69 kV Substation and Transmission	Bulk Electric System (BES)	Various	14,000,000	01/01/2013	06/01/2014	
RTU-006	D	RTU Installation Program - replace obsolete monitoring equipment with new RTU's that also provide control functions	Various	Various	500,000	04/01/2013	12/31/2013	

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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-007	D	RTU Installation Program - replace obsolete monitoring equipment with new RTU's that also provide control functions	Various	Various	500,000	01/01/2014	12/31/2014	
RTU-008	D	RTU Installation Program - replace obsolete monitoring equipment with new RTU's that also provide control functions	Various	Various	500,000	01/01/2015	12/31/2015	
TBR-006	T	Transmission Breaker Replacements - replace breakers as needed	Various	Various	200,000	01/01/2013	12/31/2013	

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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-007	T	Transmission Breaker Replacements - replace breakers as needed	Various	Various	200,000	01/01/2014	12/31/2014	
TBR-008	T	Transmission Breaker Replacements - replace breakers as needed	Various	Various	200,000	01/01/2015	12/31/2015	
TPI-006	T	Transmission Pole Inspection - inspect transmission poles and repair or replace as necessary	Various	Various	1,000,000	01/01/2013	12/31/2013	

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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
TPI-007	T	Transmission Pole Inspection - inspect transmission poles and repair or replace as necessary	Various	Various	1,000,000	01/01/2014	12/31/2014	
TPI-008	T	Transmission Pole Inspection - inspect transmission poles and repair or replace as necessary	Various	Various	1,000,000	01/01/2015	12/31/2015	
TRU-005	T	Transmission Relay Upgrade - replacing/upgrading transmission relays	Various	Various	300,000	01/01/2013	12/31/2013	

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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
TRU-006	T	Transmission Relay Upgrade - replacing/upgrading transmission relays	Various	Various	300,000	01/01/2014	12/31/2014	
TRU-007	T	Transmission Relay Upgrade - replacing/upgrading transmission relays	Various	Various	1,500,000	01/01/2015	12/31/2015	

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	10,552	3,447	
T	1,833	4	

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1.b 4901:1-10-26 (B)(1b) Future investment plan for facilities and equipment (covering period 2011 to 2015)

All Cost	2011		2012	2013	2014	2015
	Planned	Actual	Planned	Projected	Projected	Projected
D	\$39,710,000	\$30,175,393	\$22,300,000	\$18,150,000	\$16,250,000	\$14,750,000
T	\$5,200,000	\$1,769,000	\$2,500,000	\$1,500,000	\$22,700,000	\$11,000,000

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

Name of RTO violation	Description

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

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

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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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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, and the addition of Marysville 345/69 kV Substation and Transmission.

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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-004	D	12/31/2011	12/13/2011	Reduced dollars	Based on 2011 actual dollars
CAP-005	D	12/31/2012		Reduced dollars	Revised budget
CRP-004	D	12/31/2011	12/31/2011	Reduced dollars	Based on 2011 actual dollars
CRP-005	D	12/31/2012		Reduced dollars	Revised budget
CRP-006	D	12/31/2013		Reduced dollars	Revised budget
CRP-007	D	12/31/2014		Reduced dollars	Revised budget
DIS-016	D	04/30/2011	06/27/2011	Revised dollars and updated actual in service date.	Based on 2011 actual dollars
DIS-017	D	06/30/2011	11/12/2011	Reduced dollars and updated actual in service date.	Based on 2011 actual dollars

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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-019	D	03/30/2011	03/13/2011	Increased dollars	Based on 2011 actual dollars
DIS-026	D	12/31/2011	12/31/2011	Reduced dollars	Extended the project through 2014. Based on 2011 actual dollars
DIS-027	D	06/01/2012		Adjusted projected in-service date.	Timing of load growth in the area.
DIS-028	D	06/30/2011	08/15/2011	Increased dollars	Based on 2011 actual dollars
DIS-029	D	06/30/2011	06/10/2011	Increased dollars and updated actual in service date.	Based on 2011 actual dollars
DIS-030	D	12/31/2011	12/31/2011	Reduced dollars	Based on 2011 actual dollars
DIS-031	D	10/01/2011	09/30/2011	Increased dollars	Based on 2011 actual dollars

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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
ORP-004	D	12/31/2011	12/31/2011	Increased dollars	Based on 2011 actual dollars
PRP-004	D	12/31/2011	12/31/2011	Reduced dollars	Based on 2011 actual dollars
PRP-005	D	12/31/2012		Increased dollars	Increased scope for the year based on pole inspections
RAP-004	D	12/31/2011	12/31/2011	Reduced dollars	Based on 2011 actual dollars
RTO-002	T	06/01/2014		Adjusted planned start date.	Better estimate and understanding of scope.
RTU-004	D	12/31/2011	12/31/2011	Reduced dollars	Based on 2011 actual dollars
RTU-005	D	12/31/2012		Reduced dollars	Revised budget
TBR-004	T	12/31/2011	12/30/2011	Reduced dollars	Based on 2011 actual dollars

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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-005	T	12/31/2012		Reduced dollars	Revised budget
TPI-004	T	12/31/2011	12/31/2011	Reduced dollars	Less poles found on inspections than projected. Based on 2011 actual dollars
TPI-005	T	12/31/2012		Reduced dollars	Revised budget
TRU-003	T	12/31/2011	12/21/2011	Reduced dollars	Timing issues in getting BES 138 kV lines out of service.
TRU-004	T	12/31/2012		Reduced dollars	Revised budget
TSS-003	T	12/31/2011	12/31/2011	Reduced dollars	Labor costs only in 2011. Materials and engineering were a 2010 expense.

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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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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	277

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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	38	13	184	37	5	0

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

Total transmission Investment = \$394,774,513

Account \ SubAccount	2011 budget	Budget as percent of investment	2011 actual	Actual as percent of investment	2012 budget	Current as percent of investment	Explanation of variance if over 10%
Transmission Blankets-Other	0	0.00%	749,000	0.19%	0	0.00%	Our Distribution and Transmission Blankets-Other are budgeted together and all funds are included in the Distribution Blankets-Other budget.
Transmission-Substation Reliability	0	0.00%	764,000	0.19%	0	0.00%	Our Distribution and Transmission Catastrophic Repairs are budgeted together and all funds are included in the Distribution Catastrophic Repairs budget.
Transmission Reliability-Projects	6,948,000	1.76%	4,319,000	1.09%	12,270,000	3.11%	Actual spend in 2011 for the Lidar project, trip testing and BES relay replacements were 60% of budget.
Transmission Reliability-CCD	2,700,000	0.68%	1,630,000	0.41%	1,500,000	0.38%	Change in cashflow for multiyear projects.

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

Total transmission investment = \$394,774,513

Account \ SubAccount	2011 Budget	Budget as percent of investment	2011 Actual	Actual as percent of investment	2012 Budget	Current as percent of investment	Explanation of variance if over 10%
Transmission Reliability	3,391,954	0.86%	3,072,812	0.78%	3,258,890	0.83%	

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

Total distribution investment = \$1,358,965,228

Account \ SubAccount	2011 Budget	Budget as percent of investment	2011 Actual	Actual as percent of investment	2012 Budget	Current as percent of investment	Explanation of variance if over 10%
Distribution Blanket-Transformers	11,000,000	0.81%	11,803,000	0.87%	11,400,000	0.84%	
Distribution Blanket-Other	12,845,000	0.95%	15,334,000	1.13%	8,700,000	0.64%	Actual costs for major storms were 38% higher than budgeted costs driven by severe weather throughout the first nine months of 2011.
Distribution-Specific Projects	12,557,000	0.92%	11,243,000	0.83%	10,015,000	0.74%	The 4-12 kV project budget was reduced for 2011 and extended into 2014. Resource constraints as a result of increased storm activity necessitated the schedule change.
Distribution-Field Reliability	9,800,000	0.72%	8,487,000	0.62%	9,000,000	0.66%	Reallocated funds to support reliability improvements and enhancements on the distribution underground system.

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

Total distribution investment = \$1,358,965,228

Account \ SubAccount	2011 Budget	Budget as percent of investment	2011 Actual	Actual as percent of investment	2012 Budget	Current as percent of investment	Explanation of variance if over 10%
Distribution-Underground Reliability	5,100,000	0.38%	5,718,000	0.42%	5,000,000	0.37%	Reallocated funds from field operations to complete enhancements and improve reliability to DP&L's underground cable infrastructure.
Distribution-Planning Reliability	5,870,000	0.43%	5,870,000	0.43%	2,955,000	0.22%	
Distribution-Substation Reliability	7,597,000	0.56%	9,333,000	0.69%	4,361,000	0.32%	Purchased Substation/Electrical Test Equipment (ex. transformer gas analyzer, relay test sets, sweep frequency response analyzer, 3 phase power simulator, carrier test set etc) needed for calibration and reliability of substation equipment.

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

Total distribution investment = \$1,358,965,228

Account \ SubAccount	2011 Budget	Budget as percent of investment	2011 Actual	Actual as percent of investment	2012 Budget	Current as percent of investment	Explanation of variance if over 10%
Distribution Reliability	33,734,514	2.48%	44,035,615	3.24%	31,956,481	2.35%	Actual costs for major storms were six times higher than budgeted costs driven by severe weather throughout the first nine months of 2011.

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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	17.00	3	15.00%	Net Plant/Gross Plant
D	Installations on Customer Premises	371	50	32.00	18	36.00%	Net Plant/Gross Plant
D	Leased Property on Customer Premises	372	40	39.00	1	2.50%	Net Plant/Gross Plant
D	Line Transformers	368	44	15.00	29	65.91%	Net Plant/Gross Plant
D	Meters	370	32	13.00	19	59.38%	Net Plant/Gross Plant
D	Overhead Conductors and Devices	365	40	20.00	20	50.00%	Net Plant/Gross Plant
D	Poles, Towers and Fixtures	364	38	19.00	19	50.00%	Net Plant/Gross Plant
D	Services	369	33	31.00	2	6.06%	Net Plant/Gross Plant
D	Services	369	33	17.00	16	48.48%	Net Plant/Gross Plant
D	Station Equipment	362	50	19.00	31	62.00%	Net Plant/Gross Plant

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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	9.00	41	82.00%	Net Plant/Gross Plant
D	Station Equipment	362	50	2.00	48	96.00%	Net Plant/Gross Plant
D	Station Equipment	362	50	40.00	10	20.00%	Net Plant/Gross Plant
D	Station Equipment	362	50	37.00	13	26.00%	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	35.00	15	30.00%	Net Plant/Gross Plant
D	Structures and Improvements	361	45	25.00	20	44.44%	Net Plant/Gross Plant

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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	15.00	30	66.67%	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	33.00	12	26.67%	Net Plant/Gross Plant
D	Structures and Improvements	361	45	25.00	20	44.44%	Net Plant/Gross Plant
D	Structures and Improvements	361	45	25.00	20	44.44%	Net Plant/Gross Plant
D	Structures and Improvements	361	45	28.00	17	37.78%	Net Plant/Gross Plant
D	Structures and Improvements	361	45	4.00	41	91.11%	Net Plant/Gross Plant
D	Structures and Improvements	361	45	29.00	16	35.56%	Net Plant/Gross Plant
D	Structures and Improvements	361	45	5.00	40	88.89%	Net Plant/Gross Plant

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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	33.00	12	26.67%	Net Plant/Gross Plant
D	Structures and Improvements	361	45	45.00	0	0.00%	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	31.00	14	31.11%	Net Plant/Gross Plant
D	Structures and Improvements	361	45	15.00	30	66.67%	Net Plant/Gross Plant
D	Underground Conductor and Devices	367	38	15.00	23	60.53%	Net Plant/Gross Plant
D	Underground Conduit	366	55	26.00	29	52.73%	Net Plant/Gross Plant
T	Overhead Conductors and Devices	356	48	27.00	21	43.75%	Net Plant/Gross Plant
T	Overhead Conductors and Devices	356	39	38.00	1	2.56%	Net Plant/Gross Plant

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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	Overhead Conductors and Devices	356	39	21.00	18	46.15%	Net Plant/Gross Plant
T	Poles and Fixtures	355	47	25.00	22	46.81%	Net Plant/Gross Plant
T	Poles and Fixtures	355	47	13.00	34	72.34%	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	15.00	32	68.09%	Net Plant/Gross Plant
T	Roads and Trails	359	45	27.00	18	40.00%	Net Plant/Gross Plant
T	Station Equipment	353	50	24.00	26	52.00%	Net Plant/Gross Plant
T	Station Equipment	353	50	34.00	16	32.00%	Net Plant/Gross Plant
T	Station Equipment	353	32	18.00	14	43.75%	Net Plant/Gross Plant
T	Station Equipment	353	32	21.00	11	34.38%	Net Plant/Gross Plant
T	Station Equipment	353	11	11.00	0	0.00%	Net Plant/Gross Plant

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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	50	33.00	17	34.00%	Net Plant/Gross Plant
T	Structures and Improvements	352	50	39.00	11	22.00%	Net Plant/Gross Plant
T	Structures and Improvements	352	38	34.00	4	10.53%	Net Plant/Gross Plant
T	Structures and Improvements	352	38	35.00	3	7.89%	Net Plant/Gross Plant
T	Towers and Fixtures	354	50	47.00	3	6.00%	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	33.00	6	15.38%	Net Plant/Gross Plant
T	Underground Conductor and Devices	358	45	25.00	20	44.44%	Net Plant/Gross Plant
T	Underground Conduit	357	60	39.00	21	35.00%	Net Plant/Gross Plant

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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	0 - 12/4 kV relays scheduled	Y	Inspections completed as planned
D	Capacitor Inspections (Fixed Banks)	Complete the inspection of approximately 564 fixed capacitor annually	Y	Inspections completed as planned
D	Capacitor Inspections (Switched Banks)	Complete the inspection of approximately 835 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

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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 557 reclosers	Y	Inspections completed as planned
D	Underground Device Inspections	Inspect URD devices on 335 map grids	Y	Inspections completed as planned
D	Visual Inspection of Airbreak Switches	Inspect approximately 1,512 switches	Y	Inspections completed as planned
D	Voltage Regulator Inspections	514 regulator inspections scheduled for 2011	Y	Inspections completed as planned

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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	477 - 138/69/33 kV relays scheduled	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	147 - 345 kV relays scheduled	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 233 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

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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 to out of phase tie to AEP which would drop all the customers)
TS	Substation Transformer Doble Test	Perform Doble power factor tests on 43 substation transformers	Y	Testing completed as planned.
TS	Substation Transformer LTC Maintenance	Complete maintenance on 19 LTCs	Y	Maintenance completed as planned
TS	Substation Transformers Dielectric Oil Breakdown Test	Perform 43 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
TS	Thermographic Inspection of Substation Switches	Infrared 2,324 Substation Switches	Y	Inspections completed as planned

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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	Thermographic Inspection of Transmission Lines	Perform thermographic inspections where needed	Y	No thermographic inspection of transmission lines were scheduled in 2011
T	Transmission Line Clearance	Trim trees where needed	Y	All goals met in 2011
TS	Visual Inspection of Circuit Breakers	Inspect 1,300 Circuit Breakers monthly	Y	Inspections completed as planned
T	Visual Inspection of Transmission Lines/Right-Of-Way	Inspect 27 circuits in metro - no fly zone	Y	Inspections completed as planned

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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 - 0 - 12/4 kV relays scheduled	Testing completed as planned	All program goals were met	171 relays were tested and calibrated	100% complete
Capacitor Inspections (Fixed Banks) GOAL - Complete the inspection of approximately 564 fixed capacitor annually	Inspections were completed as planned	All program goals were met	Inspected 557 fixed capacitor banks. Difference is related to cap banks removed or replaced with switched banks.	100% Complete
Capacitor Inspections (Switched Banks) GOAL - Complete the inspection of approximately 835 switched capacitors annually	Inspections were completed as planned	All program goals were met	Inspected 823 switched capacitors. Difference is related to cap banks removed or replaced with fixed banks.	100% complete

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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 Circuit Patrol GOAL - Inspect 91 circuits	Inspections were completed as planned	All program goals were met	Inspected 91 circuits in 2011	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 2381.25 miles of our distribution system which encompasses 114 circuits. We also addressed 23 branch lines and completed 503 customer tickets.	100% complete
Distribution Line Clearance Inspection GOAL - Evaluate 91 circuits	Inspections were completed as planned	All program goals were met	Inspected 91 circuits in 2011	100% Complete

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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 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 2 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 38 Rule 11 circuits through the Overhead Reliability Program	All program goals were met	Inspected and remediated reliability problems on ORP circuits	100% Complete
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	43,347 poles were inspected and tested through the pole replacement program	100% Complete

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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
Recloser Inspections GOAL - Complete the inspection of approximately 557 reclosers	Inspections were completed as planned	All program goals were met	Inspected 559 reclosers	100% Complete
Underground Device Inspections GOAL - Inspect URD devices on 335 map grids	Inspections were completed as planned	All program goals were met	Inspected 337 map grids containing URD devices	100% Complete
Visual Inspection of Airbreak Switches GOAL - Inspect approximately 1,512 switches	Inspections were completed as planned	All program goals were met	Inspected 1536 switches	100% Complete

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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
Voltage Regulator Inspections GOAL - 514 regulator inspections scheduled for 2011	Inspections were completed as planned	All program goals were met	Inspected 522 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 33-138 kV transmission lines, 4 times each	100% Complete
138/69/33 kV Relay Calibration GOAL - 477 - 138/69/33 kV relays scheduled	Testing completed as planned	All program goals were met	513 relays were tested and calibrated	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

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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
345 kV Relay Calibration GOAL - 147 - 345 kV relays scheduled	Inspections were completed as planned	All program goals were met	171 relays were tested/calibrated	100% Complete
69 kV Aerial Patrol GOAL - Inspect 69 kV circuits, semi-annually	Inspections were completed as planned	All program goals were met	Inspected 85-69 kV transmission lines, 2 times each	100% Complete
Circuit Breaker Preventive Maintenance GOAL - Complete maintenance on 233 circuit breakers	Inspections were completed as planned	All program goals were met	Performed maintenance on 258 circuit breakers in 2011	100% complete

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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 performance in either numerical values or percentages
External Visual Inspection of Substation Transformers GOAL - Inspect 300 Substation Transformers monthly	Inspections were completed as planned	All program goals were met	Performed inspection on 300 transformer units	100% Complete
Herbicide Application GOAL - Apply herbicide as needed	Herbicide applications were made in applicable areas for safety and reliability	All program goals were met	211 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	676 of 677 breakers operated or were operated in 2011. One breaker was not operated due to out of phase tie to AEP which would drop all the customers.	99.9% complete

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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 Doble Test GOAL - Perform Doble power factor tests on 43 substation transformers	Completed as planned	All program goals were met	43 transformers were Dabled	100% complete
Substation Transformer LTC Maintenance GOAL - Complete maintenance on 19 LTCs	Inspections were completed as planned	All program goals were met	Performed maintenance on 20 LTCs	100% complete
Substation Transformers Dielectric Oil Breakdown Test GOAL - Perform 43 transformer oil dielectric breakdown tests	Completed as planned	All program goals were met	Performed oil dielectric breakdown tests on 43 transformers	100% complete

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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 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
Thermographic Inspection of Substation Switches GOAL - Infrared 2,324 Substation Switches	Inspections were completed as planned	All program goals were met	Performed inspections on 2324 substation switches	100% complete
Thermographic Inspection of Transmission Lines GOAL - Perform thermographic inspections where needed	N/A	N/A	No inspections were scheduled in 2011	N/A

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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
Transmission Line Clearance GOAL - Trim trees where needed	Spot trimmed as necessary	All program goals were met	Spot trimming completed in 1463 locations	100% Complete
Visual Inspection of Circuit Breakers GOAL - Inspect 1,300 Circuit Breakers monthly	Inspections were completed as planned	All program goals were met	1300 circuit breakers were inspected	100% complete
Visual Inspection of Transmission Lines/Right-Of-Way GOAL - Inspect 27 circuits in metro - no fly zone	Inspections were completed as planned	All program goals were met	Inspected 27 circuits in metro no fly zone	100% Complete

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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

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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	DS					
GOAL - 0 - 12/4 kV relays scheduled						
138 kV Aerial Patrol	T					
GOAL - Inspect 138 kV circuits, 4 times per year						
138/69/33 kV Relay Calibration	TS					
GOAL - 477 - 138/69/33 kV relays scheduled						

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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: 9 items, Medium priority: 12 items, Minor : 113 items	Completed 9 repairs to critical items, 12 repairs to medium items and 7 repairs to minor items	12/21/2011		
345 kV Relay Calibration GOAL - 147 - 345 kV relays scheduled	TS					
69 kV Aerial Patrol GOAL - Inspect 69 kV circuits, semi-annually	T					

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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 564 fixed capacitor annually	D	215 repair items were identified during the capacitor inspection program. Typical repair items can be described as blown fuses or control issues	Completed 118 repairs to capacitors in 2011		97 maintenance items still need to be completed	12/31/2012
Capacitor Inspections (Switched Banks) GOAL - Complete the inspection of approximately 835 switched capacitors annually	D					

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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
Circuit Breaker Preventive Maintenance GOAL - Complete maintenance on 233 circuit breakers	TS					
Distribution Circuit Patrol GOAL - Inspect 91 circuits	D	6060 repairs were identified during the inspections. Repair items include broken down guys, blown arrestors, broken x-arms, etc.	As of 2/8/12, 3659 items have been completed		2401 items are remaining	12/31/2012

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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 GOAL - Perform full circuit vegetation maintenance on approximately 20% of distribution system	D					
Distribution Line Clearance Inspection GOAL - Evaluate 91 circuits	D					

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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
External Visual Inspection of Substation Transformers GOAL - Inspect 300 Substation Transformers monthly	TS	154 maintenance items were identified as requiring remedial activity. Examples of repair items include: inoperative cooling fans, inoperative winding temperature gauge, 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 148 transformers		Repair 6 transformer maintenance items. Work is prioritized in conjunction with current system maintenance needs	12/31/2012
Herbicide Application GOAL - Apply herbicide as needed	T					

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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 Branch Line Reliability Performance GOAL - Evaluate least-reliable branch lines and initiate remedial action where needed	D					
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/reinforce ments, 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	12/31/2012

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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
Operational Testing of Circuit Breakers GOAL - Conduct an operational test for breakers that are not otherwise operated during the calendar year	TS					
Pole Replacement and Testing Program GOAL - Inspect and test poles on approximately 13% of DP&L's circuits	D	3183 poles initially failed the inspection and test	156 poles have been reinforced and 628 poles have been replaced		As of 3/8/2012, 2399 pole replacements to be completed	09/30/2013

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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
Recloser Inspections GOAL - Complete the inspection of approximately 557 reclosers	D	16 repair items were identified during the recloser inspection program. Typical repair items can be described as bad cutout, bad stirrup and replacements	Completed 0 repair items		16 maintenance items still need to be completed	12/31/2012
Substation Transformer Doble Test GOAL - Perform Doble power factor tests on 43 substation transformers	TS	Changes in power factor readings require remedial actions such as bushing or transformer replacement. 2 problems were identified requiring bushing changeout	Bushing changeout completed on 1 transformer		1 bushing replacement will be prioritized and scheduled in conjunction with next maintenance cycle	12/31/2012

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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 LTC Maintenance GOAL - Complete maintenance on 19 LTCs	TS					
Substation Transformers Dielectric Oil Breakdown Test GOAL - Perform 43 transformer oil dielectric breakdown tests	TS					

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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 Imaging of Substation Transformers GOAL - Infrared 300 Substation Transformers	TS	Infrared inspection of transformers identified 8 problems with external connections	Outage was taken and transformer connections were cleaned or replaced. 1 repair was completed		7 items are scheduled to be repaired in conjunction with next maintenance cycle	12/31/2012
Thermographic Inspection of Substation Switches GOAL - Infrared 2,324 Substation Switches	TS	Infrared inspections of substation switches identified bad or deteriorated contacts. 53 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. 11 repairs were made in 2011		42 repairs are scheduled in conjunction with next maintenance cycle	12/31/2012

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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 Transmission Lines GOAL - Perform thermographic inspections where needed	T					
Transmission Line Clearance GOAL - Trim trees where needed	T					

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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
Underground Device Inspections GOAL - Inspect URD devices on 335 map grids	D	503 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 1/30/12, 387 repairs are complete		116 repair items still need to be completed	12/31/2012
Visual Inspection of Airbreak Switches GOAL - Inspect approximately 1,512 switches	D	95 repair items were identified during the air break inspection process. Typical repairs include replacing blown LA's, pole grounds, handles, etc.	Completed 69 air break repairs in 2011		26 maintenance repairs to be completed	12/31/2012

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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 Circuit Breakers GOAL - Inspect 1,300 Circuit Breakers monthly	TS	Compressor or motor problems, low oil or SF6 gas levels are examples of findings requiring remedial attention. 23 breaker problems were identified and prioritized	Repaired 20 breaker problems		3 minor breaker problems are scheduled to be repaired in conjunction with next maintenance cycle	12/31/2012
Visual Inspection of Transmission Lines/Right-Of-Way GOAL - Inspect 27 circuits in metro - no fly zone	T					

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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
Voltage Regulator Inspections GOAL - 514 regulator inspections scheduled for 2011	D	25 repair items were identified during the regulator inspection program. Typical repair items include: control repairs or replacements and motor capacitor repairs	Completed 17 regulator repairs		8 repairs items to be completed	12/31/2012

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.

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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	130 - 12/4 kV relays scheduled
D	Capacitor Inspections (Fixed Banks)	Complete the inspection of approximately 557 fixed capacitors annually
D	Capacitor Inspections (Switched Banks)	Complete the inspection of approximately 823 switched capacitors annually
D	Distribution Circuit Patrol	Inspect 86 circuits
D	Distribution Line Clearance	Perform full circuit vegetation maintenance on approximately 20% of distribution system
D	Distribution Line Clearance Inspection	Evaluate 86 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 13% of DP&L's circuits

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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 559 reclosers
D	Underground Device Inspections	Inspect URD devices on 341 map grids
D	Visual Inspection of Airbreak Switches	Inspect approximately 1,536 switches
D	Voltage Regulator Inspections	0 regulator inspections scheduled for 2012
T	138 kV Aerial Patrol	Inspect 138 kV circuits, 4 times per year
TS	138/69/33 kV Relay Calibration	282 - 138/69/33 kV relays scheduled
T	345 kV Aerial Patrol	Inspect 345 kV circuits, 4 times per year
TS	345 kV Relay Calibration	2 - 345 kV relays scheduled
T	69 kV Aerial Patrol	Inspect 69 kV circuits, semi-annually

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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	Circuit Breaker Preventive Maintenance	Complete maintenance on 232 circuit breakers
TS	External Visual Inspection of Substation Transformers	Inspect 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 49 substation transformers
TS	Substation Transformer LTC Maintenance	Complete maintenance on 35 LTCs
TS	Substation Transformers Dielectric Oil Breakdown Test	Perform 49 transformer oil dielectric breakdown tests
TS	Thermographic Imaging of Substation Transformers	Infrared 300 Substation Transformers

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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	Thermographic Inspection of Substation Switches	Infrared approximately 2,362 Substation Switches
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 27 circuits in metro - no fly zone

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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.

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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	Airway {D}/AJ1206	02/01/2011	Reduce loading through transfers	06/30/2012	Transfer load from Airway circuit AJ1206 to new Eagle Substation	
D	Airway {D}/AJ1203	02/01/2011	Reduce loading through transfers	06/30/2012	Transfer load from Airway circuit AJ-1203 to new Eagle Substation	
D	Southwestern {D}/PB1205	02/01/2011	Reduce loading through transfers	06/30/2012	Transfer load from Southwestern circuit PB1205 to new Eagle Substation	
D	Monument {D}/AS1218	08/01/2011	Reduce loading through transfers	08/30/2012	Transfer load from Monument circuit AS1218 to Webster circuit AY1232	
D	Monument {D}/AS1225	08/01/2011	Reduce loading through transfers	08/30/2012	Transfer load from Monument circuit AS1225 to Webster circuit AY1232	
D	Trebein {D}/GB1202	08/01/2011	Reduce loading through transfers	10/30/2012	Transfer load from Trebein circuit GB1202 to new Eagle Substation	

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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	Robinson Rd {D}/JD1219	11/01/2011	Reduce loading through transfers	03/31/2012	Transfer load from Robinson Rd circuit JD1219 to New Holland circuit JH1202	
D	Martinsville/HD1 202	11/01/2011	Reduce loading through transfers	03/31/2012	Transfer load from Martinsville circuit HD1202 to Columbus St. circuit HF1204	

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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

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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

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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

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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
01/05/2011	10:27:21AM	Electric Distribution Utility	Tipp City Municipal	D	Vandalia {D}/AZ1203	Other Electric Utility
06/10/2011	7:18:00PM	Electric Distribution Utility	Pioneer REC	D	Eldean {D}/OR1213	Other Electric Utility
07/15/2011	4:00:05PM	Transmission System Owner	American Electric Power	T	Hutchings/Hutchings - Hillsboro (AEP) [13804]	Other Electric Utility

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3/28/2012 8:24:38 AM

in

Case No(s). 12-1000-EL-ESS

Summary: Annual Report of the Dayton Power and Light Company pursuant to Rule 26 of the Electric Service and Safety Standards, Ohio Administrative Code 4901:1-10-26, electronically filed by Mr. Robert J Adams on behalf of The Dayton Power and Light Company