

James W. Burk  
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March 31, 2014

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

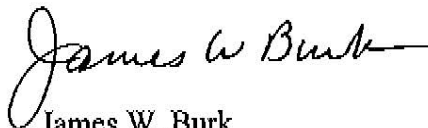
**Re:    *In the Matter of the FirstEnergy Companies Report Filed Pursuant to  
Rule 26 of the Electric Service and Safety Standards, Ohio  
Administrative Code 4901:1-10-26  
Case No. 14-997-EL-ESS***

Dear Ms. Jenkins:

Enclosed for filing please find FirstEnergy's Annual Report in the above-referenced proceeding filed pursuant to Rule 26 of the Electric Service and Safety Standards, Ohio Administrative Code 4901:1-10-26.

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

Respectfully,



James W. Burk  
Managing Counsel

Enc.

**BEFORE  
THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Annual Report of  
Cleveland Electric Illuminating Company  
Pursuant to Rule 26 of the Electric  
Service and Safety Standards, Ohio  
Administrative Code 4901:1-10-26

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Case No. 14-997-EL-ESS

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

Pursuant to Rule 26 of the Electric Service and Safety Standards, Ohio, Administrative Code 4901:1-10-26, Cleveland Electric Illuminating Company ("CEI") 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

  
\_\_\_\_\_  
John E. Skory, Regional President  
Responsible For Distribution Reporting

3-21-14  
Date

**Report Date & Time: March 18, 2014 12:41 pm**

**FirstEnergy Companies**  
**Cleveland Electric Illuminating Company**  
**Rule #26**  
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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)**

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

**Notes**

Table represents new projects.

**FirstEnergy Companies**  
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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	23,547	9,748	0
T	1,294	0	0

**FirstEnergy Companies**  
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**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	\$98,300,000	\$95,101,500	\$107,600,000	\$101,700,000	\$99,000,000	\$100,700,000
T	\$1,700,000	\$2,870,000	\$1,860,000	\$1,750,000	\$1,700,000	\$1,740,000

**Notes**

2015-2017 Projected is an estimate.  
All budgets are subject to change.

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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

**Notes**

Cleveland Electric Illuminating Company is not aware of any complaints from other entities for 2013.

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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

**Notes**

None, but see also Table 3.a of the 2013 Rule 26 report for the American Transmission Systems, Inc. ("ATSI").

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

Name of RTO violation	Description

**Notes**

None, but see also Table 3.b of the 2013 Rule 26 report for the American Transmission Systems, Inc. ("ATSI").



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**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

**Notes**

None, but see also Table 3.c of the 2013 Rule 26 report for the American Transmission Systems, Inc. ("ATSI").

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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

**Notes**

None, but see also Table 3.d of the 2013 Rule 26 report for the American Transmission Systems, Inc. ("ATSI").

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

<a href="#">Relationship between annual system improvement plan and RTO transmission expansion plan</a>

**Notes**

None, but see also Table 3.e of the 2013 Rule 26 report for the American Transmission Systems, Inc. ("ATSI").

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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
CEI0027	D	06/01/2013	12/18/2013	Completed	
CEI0028	D	12/31/2014		No Change	
CEI2001	D	12/31/2013	12/31/2013	Completed	

**Notes**

Includes completed, on track and/or modified projects.

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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	The CEI system provides safe and reliable service.	Daily assessment and review of transmission breaker operations. System maintenance as described in the ESSS Rule 4901:1-10-27 and 24x7 response for outage and trouble.
D	The CEI system provides safe and reliable service.	Daily assessment and review of service level metrics (SAIFI and CAIDI). System maintenance as described in the ESSS Rule 4901:1-10-27 and 24x7 response for outage and trouble.

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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	709

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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	481	0	0	0	228	0	0

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

**Total transmission Investment = \$405,424,677**

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%
Forced	0	0.00%	1,324,104	0.33%	515,671	0.13%	Over budget due to higher transmission related follow-up work associated with failures and relocation work.
Miscellaneous	0	0.00%	75,586	0.02%	0	0.00%	
Vegetation Management	274,797	0.07%	488,727	0.12%	804,479	0.20%	Over budget due to higher planned trimming than anticipated.
System Reinforcement	730,543	0.18%	97	0.00%	499,593	0.12%	Under budget due to lower transmission substation and underground project costs.
Condition	678,765	0.17%	420,238	0.10%	716,513	0.18%	Under budget due to lower circuit reliability work and equipment replacement than anticipated in the budget.

**Notes**

Budgets are subject to change.



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

**Total transmission investment = \$405,424,677**

<b>Account \ SubAccount</b>	<b>2013 Budget</b>	<b>Budget as percent of investment</b>	<b>2013 Actual</b>	<b>Actual as percent of investment</b>	<b>2014 Budget</b>	<b>Current as percent of investment</b>	<b>Explanation of variance if over 10%</b>
Corrective Maintenance	2,271	0.00%	41,356	0.01%	2,331	0.00%	Over budget due to higher transmission corrective maintenance work than anticipated.
Forced	0	0.00%	80,704	0.02%	0	0.00%	Over budget due to emergency storm restoration, and transmission line follow-up work higher than budgeted costs.
Condition	0	0.00%	118,963	0.03%	0	0.00%	Over budget due to higher reliability program work than budgeted.
Vegetation Management	100,000	0.02%	46,445	0.01%	0	0.00%	Under budget due to vegetation planned management costs at lower levels than budget.
Preventative Maintenance	0	0.00%	0	0.00%	0	0.00%	

**Notes**

Budgets are subject to change.

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

**Total distribution investment = \$1,982,410,438**

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%
Forced	27,359,263	1.38%	21,837,310	1.10%	27,176,089	1.37%	Under budget due to lower substation and line failure work, emergency storm restoration and related follow up work than budgeted.
Miscellaneous	5,018,523	0.25%	3,256,745	0.16%	6,153,613	0.31%	Under budget due to lower lighting and meter related work than budget.
Vegetation Management	15,897,806	0.80%	13,910,276	0.70%	13,152,447	0.66%	Under budget due to lower planned trimming than anticipated.
System Reinforcement	133,827	0.01%	710,286	0.04%	621,043	0.03%	Over budget due to line and cable replacement projects higher than budget.
Condition	16,055,318	0.81%	17,890,439	0.90%	14,407,423	0.73%	Over budget due to greater cable and substation repair work than anticipated.

**Notes**

Budgets are subject to change.

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

**Total distribution investment = \$1,982,410,438**

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%
Corrective Maintenance	3,216,294	0.16%	2,991,018	0.15%	3,321,736	0.17%	
Forced	7,400,691	0.37%	5,617,056	0.28%	7,533,452	0.38%	Under budget due to emergency storm restoration, line follow-up and relocation work lower than budgeted costs.
Miscellaneous	2,833,564	0.14%	3,477,924	0.18%	2,922,815	0.15%	Over budget due to higher lighting repair work, as well as meter exchange work than anticipated in the budget.
Operations	800,022	0.04%	1,159,112	0.06%	800,024	0.04%	Over budget due to higher line and substation operations maintenance work than anticipated.
Condition	6,846,414	0.35%	4,924,971	0.25%	7,252,899	0.37%	Under budget due to less unscheduled maintenance repairs than budgeted.
Vegetation Management	3,754,150	0.19%	2,336,441	0.12%	3,444,870	0.17%	Under budget due to lower planned trimming than anticipated.

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

**Total distribution investment = \$1,982,410,438**

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%
Preventative Maintenance	5,318,039	0.27%	4,207,941	0.21%	5,502,731	0.28%	Under budget due to less substation preventative maintenance work than anticipated.

**Notes**

Budgets are subject to change.

**FirstEnergy Companies**  
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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	Clearing,Grading of Land	361.2	50	41.00	9	18.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
D	Install on Cust Premises	371	40	26.00	14	35.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	Line Transformers	368	43	28.00	15	34.88%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
D	Meters	370	38	29.00	9	23.68%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	Overhead Conductor	365	45	26.00	19	42.22%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
D	Poles & Towers	364	43	17.00	26	60.47%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	Services	369	30	25.00	5	16.67%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
D	Station equipment	362	50	35.00	15	30.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.



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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	Street Lighting	373.1	27	13.00	14	51.85%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
D	Structures/improvements	361.1	50	13.00	37	74.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	Underground conductor	367	45	33.00	12	26.67%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
D	Underground conduit	366	60	26.00	34	56.67%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	Clearing,Grading of Land	352.2	50	27.00	23	46.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
T	Clearing,Grading of Land	356.2	50	47.00	3	6.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

**FirstEnergy Companies**  
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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	356.1	50	24.00	26	52.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
T	Poles & fixtures	355	50	12.00	38	76.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	Station equipment	353	50	29.00	21	42.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
T	Structures/improvements	352.1	50	13.00	37	74.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	Towers & fixtures	354	65	65.00	0	0.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
T	Underground conductor	358	50	32.00	18	36.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	Underground conduit	357	60	9.00	51	85.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

**FirstEnergy Companies**  
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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
D	Circuit & Line	Inspect 273 circuits (2013).	Y	This program covers the visual inspection and maintenance procedures of overhead line facilities.
D	Circuit & Line	Inspect 276 circuits (2012).	Y	This program covers the visual inspection and maintenance procedures of overhead line facilities.
D	Line Capacitors	Inspect 6,884 capacitor units (2013).	Y	This program covers the inspection and maintenance procedures for distribution line capacitors.
D	Line Reclosers	Inspect 1,357 recloser units (2012).	Y	This program covers the inspection and maintenance procedures for distribution line reclosers.
D	Line Reclosers	Inspect 1,381 recloser units (2013).	Y	This program covers the inspection and maintenance procedures for distribution line reclosers.



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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	Primary Enclosures and Secondary Enclosures	Inspect 5,249 primary enclosures (2012). Inspect 3,884 secondary enclosures (2012).	Y	This program covers the external inspection and maintenance procedures for primary and secondary underground equipment.
D	Primary Enclosures and Secondary Enclosures	Inspect 9,326 primary enclosures (2013). Inspect 5,925 secondary enclosures (2013).	Y	This program covers the external inspection and maintenance procedures for primary and secondary underground equipment.
D	Right-of-way Vegetation Control	Maintain 253 circuits (2013).	Y	This program covers the four-year distribution vegetation management cycle.
DS	Substation ATR	97 percent of ATRs shall not result in a customer outage (2012).	Y	This program covers the review and addressing of substation equipment failures.
DS	Substation ATR	97 percent of ATRs shall not result in a customer outage (2013).	Y	This program covers the review and addressing of substation equipment failures.

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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	Wood Pole Groundline	Inspect 32,500 poles (2009).	Y	This program covers the inspection and maintenance procedures for distribution line poles.
D	Wood Pole Groundline	Inspect 41,464 poles (2011).	Y	This program covers the inspection and maintenance procedures for distribution line poles.
D	Wood Pole Groundline	Inspect 43,062 poles (2010).	Y	This program covers the inspection and maintenance procedures for distribution line poles.
D	Wood Pole Groundline	Inspect 44,268 poles (2013).	Y	This program covers the inspection and maintenance procedures for distribution line poles.
D	Wood Pole Groundline	Inspect 45,119 poles (2012).	Y	This program covers the inspection and maintenance procedures for distribution line poles.

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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
Circuit & Line  GOAL - Inspect 273 circuits (2013).	Internal Labor	Met the goal.	Inspect 273 circuits (2013).	273 circuits inspected (2013)
Circuit & Line  GOAL - Inspect 276 circuits (2012).	Internal Labor	Met the goal.	Inspect 276 circuits (2012).	276 circuits inspected (2012).
Line Capacitors  GOAL - Inspect 6,884 capacitor units (2013).	Internal Labor	Met the goal.	Inspect 6,884 capacitor units (2013).	6,884 capacitor units inspected (2013).
Line Reclosers  GOAL - Inspect 1,357 recloser units (2012).	Internal Labor	Met the goal.	Inspect 1,357 recloser units (2012).	1,357 recloser units inspected (2012).

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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
Line Reclosers  GOAL - Inspect 1,381 recloser units (2013).	Internal Labor	Met the goal.	Inspect 1,381 recloser units (2013).	1,381 recloser units inspected (2013).
Primary Enclosures and Secondary Enclosures  GOAL - Inspect 5,249 primary enclosures (2012). Inspect 3,884 secondary enclosures (2012).	Internal Labor	Exceeded the goal.	Inspect 5,249 primary enclosures (2012). Inspect 3,884 secondary enclosures (2012).	5,262 primary enclosures and 3,927 secondary enclosures inspected (2012).
Primary Enclosures and Secondary Enclosures  GOAL - Inspect 9,326 primary enclosures (2013). Inspect 5,925 secondary enclosures (2013).	Internal Labor	Exceeded the goal.	Inspect 9,325 primary enclosures (2013). Inspect 5,927 secondary enclosures (2013).	9,332 primary enclosures and 5,935 secondary enclosures inspected (2013).

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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
Right-of-way Vegetation Control  GOAL - Maintain 253 circuits (2013).	Contractor	Exceeded the goal.	Maintain 253 circuits (2013).	272 circuits maintained (2013).*
Substation ATR  GOAL - 97 percent of ATRs shall not result in a customer outage (2012).	ATRs are generated as substation equipment problems are identified. This identification can be the result of inspection programs or equipment failures.	97 percent of ATRs shall not result in a customer outage (2012).	Exceeded the goal.	99.1% of ATRs did not result in a customer outage (2012).
Substation ATR  GOAL - 97 percent of ATRs shall not result in a customer outage (2013).	ATRs are generated as substation equipment problems are identified. This identification can be the result of inspection programs or equipment failures.	Exceeded the goal.	97 percent of ATRs shall not result in a customer outage (2013).	98.99% of ATRs did not result in a customer outage (2013).

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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
Wood Pole Groundline  GOAL - Inspect 32,500 poles (2009).	Internal Labor	Exceeded the goal.	Inspect 32,500 poles (2009).	32,634 poles inspected (2009).
Wood Pole Groundline  GOAL - Inspect 41,464 poles (2011).	Pole Inspection Contractor	Exceeded the goal.	Inspect 41,464 poles (2011).	42,788 poles inspected (2011).
Wood Pole Groundline  GOAL - Inspect 43,062 poles (2010).	Pole Inspection Contractor	Exceeded the goal.	Inspect 43,062 poles (2010).	44,388 poles inspected (2010).
Wood Pole Groundline  GOAL - Inspect 44,268 poles (2013).	Pole Inspection Contractor	Exceeded the goal.	Inspect 44,268 poles (2013).	44,759 poles inspected (2013).

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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
Wood Pole Groundline  GOAL - Inspect 45,119 poles (2012).	Pole Inspection Contractor	Exceeded the goal.	Inspect 45,119 poles (2012).	45,519 poles inspected (2012).

**Notes**

\*The 272 circuits consist of 253 on cycle circuits and 19 circuits that were not part of the original planned numbers.

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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
Circuit & Line  GOAL - Inspect 273 circuits (2013).	D	7,429 deficiencies were found in 2013.	981 deficiencies fixed in 2013.		6,448 deficiencies remain to be fixed from 2013.	12/31/2014
Circuit & Line  GOAL - Inspect 276 circuits (2012).	D	7,018 deficiencies were found in 2012.	1,096 deficiencies fixed as stated in prior reports. 5,922 deficiencies fixed in 2013.	11/18/2013	0 deficiencies remain to be fixed from 2012.	12/31/2013
Line Capacitors  GOAL - Inspect 6,884 capacitor units (2013).	D	449 deficiencies were found in 2013.	449 deficiencies fixed in 2013.	12/09/2013	0 deficiencies remain to be fixed from 2013.	12/31/2013
Line Reclosers  GOAL - Inspect 1,357 recloser units (2012).	D	45 deficiencies were found in 2012.	28 deficiencies fixed as stated in prior reports. 17 deficiencies fixed in 2013.	01/30/2013	0 deficiencies remain to be fixed from 2012.	12/31/2013

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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
Line Reclosers  GOAL - Inspect 1,381 recloser units (2013).	D	47 deficiencies were found in 2013.	47 deficiencies fixed in 2013.	12/19/2013	0 deficiencies remain to be fixed from 2013.	12/31/2013
Primary Enclosures and Secondary Enclosures  GOAL - Inspect 5,249 primary enclosures (2012). Inspect 3,884 secondary enclosures (2012).	D	3,212 deficiencies were found in 2012.	2,470 deficiencies fixed as stated in prior reports. 742 deficiencies fixed in 2013.	08/27/2013	0 deficiencies remain to be fixed from 2012.	12/31/2013

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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
Primary Enclosures and Secondary Enclosures  GOAL - Inspect 9,326 primary enclosures (2013). Inspect 5,925 secondary enclosures (2013).	D	8,090 deficiencies were found in 2013.	7,421 deficiencies fixed in 2013.		669 deficiencies remain to be fixed from 2013.	12/31/2014
Right-of-way Vegetation Control  GOAL - Maintain 253 circuits (2013).	D	None	None	12/31/2013	None	12/31/2013

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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
Substation ATR  GOAL - 97 percent of ATRs shall not result in a customer outage (2012).	DS	41 deficiencies were found in 2012.	40 deficiencies fixed as stated in prior reports. 1 deficiency fixed in 2013.	12/16/2013	0 deficiencies remain to be fixed from 2012.	12/31/2013
Substation ATR  GOAL - 97 percent of ATRs shall not result in a customer outage (2013).	DS	30 deficiencies found in 2013.	27 deficiencies fixed in 2013.		3 deficiencies remain to be fixed from 2013.	12/16/2014
Wood Pole Groundline  GOAL - Inspect 32,500 poles (2009).	D	1,336 deficiencies were found in 2009.	1,293 deficiencies fixed or reclassified as stated in prior reports. 43 deficiencies fixed in 2013.	10/31/2013	0 deficiencies remain to be fixed from 2009.	12/31/2013

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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
Wood Pole Groundline  GOAL - Inspect 41,464 poles (2011).	D	2,175 deficiencies were found in 2011.	1,567 deficiencies fixed as stated in prior reports. 36 deficiencies fixed in 2013.		572 deficiencies remain to be fixed from 2011.***	12/31/2016
Wood Pole Groundline  GOAL - Inspect 43,062 poles (2010).	D	2,760 deficiencies found in 2010.	2,105 deficiencies fixed or reclassified as stated in prior reports. 49 deficiencies fixed in 2013.		606 deficiencies remain to be fixed from 2010.**	12/31/2015
Wood Pole Groundline  GOAL - Inspect 44,268 poles (2013).	D	3,400 deficiencies were found in 2013.	1,622 deficiencies fixed in 2013.		1,778 deficiencies remain to be fixed from 2013.	12/31/2018
Wood Pole Groundline  GOAL - Inspect 45,119 poles (2012).	D	3,257 deficiencies were found in 2012.	2,029 deficiencies fixed as stated in prior reports. 334 deficiencies fixed in 2013.		894 deficiencies remain to be fixed from 2012.#	12/31/2017

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**Notes**

\*\*Remediation date for the poles identified during the 2010 pole inspection was changed from 12/31/2014 to 12/31/2015.

\*\*\*Remediation date for the poles identified during the 2011 pole inspection was changed from 12/31/2015 to 12/31/2016.

#Remediation date for the poles identified during the 2012 pole inspection was changed from 12/31/2016 to 12/31/2017.

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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
D	Circuit & Line	Inspect 234 circuits (2014).
D	Line Capacitors	Inspect 6,921 capacitor units (2014).
D	Line Reclosers	Inspect 1,377 recloser units (2014).
D	Primary Enclosures and Secondary Enclosures	Inspect 7,150 primary enclosures (2014). Inspect 5,037 secondary enclosures (2014).
D	Right-of-way Vegetation Control	Maintain 309 circuits (2014).
DS	Substation ATR	97 percent of ATRs shall not result in a customer outage (2014).
D	Wood Pole Groundline	Inspect 45,234 poles (2014).

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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	System Planning	CEI reviews system, substation and circuit loadings on an ongoing basis throughout the year.



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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 = System 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	40177/0002	02/27/2012	Convert UG Exit to OH Exit	06/01/2014	Scheduled	
D	40177/0005	02/27/2012	Convert UG Exit to OH Exit	06/01/2014	Scheduled	

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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

**Notes**

Cleveland Electric Illuminating Company follows the inspection and maintenance programs that were approved on June 1, 2010 under Case Number 09-0802-EL-ESS.

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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

**Notes**

Cleveland Electric Illuminating Company follows the inspection and maintenance programs that were approved on June 1, 2010 under Case Number 09-0802-EL-ESS.

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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

**Notes**

Cleveland Electric Illuminating Company follows the inspection and maintenance programs that were approved on June 1, 2010 under Case Number 09-0802-EL-ESS.

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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
12/22/2013	6:22:00AM	Municipal Electric Company	Cleveland Public Power	D	40115/0007	Other Electric Utility
11/18/2013	1:57:00AM	Municipal Electric Company	Cleveland Public Power	D	40121/0003	Other Electric Utility
10/03/2013	12:23:00AM	Municipal Electric Company	Cleveland Public Power	D	40140/0003	Other Electric Utility
07/18/2013	6:34:00PM	Municipal Electric Company	Cleveland Public Power	D	40217/0008	Other Electric Utility
10/31/2013	3:53:00AM	Municipal Electric Company	Cleveland Public Power	D	40059/0006	Other Electric Utility
01/20/2013	5:48:00AM	Municipal Electric Company	Cleveland Public Power	D	40128/0009	Other Electric Utility

**BEFORE  
THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Annual Report of  
Ohio Edison Company  
Pursuant to Rule 26 of the Electric  
Service and Safety Standards, Ohio  
Administrative Code 4901:1-10-26

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Case No. 14-997-EL-ESS

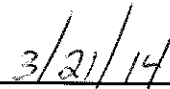
**ANNUAL REPORT  
OF THE OHIO EDISON COMPANY COMPANY**

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

  
\_\_\_\_\_

Randall A. Frame, Regional President  
Responsible For Distribution Reporting

  
\_\_\_\_\_  
Date

**Report Date & Time: March 18, 2014 4:46 pm**

**FirstEnergy Companies**  
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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)**

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
OE201401	D	Sourek Rd Mod Sub. Build a 138/12.5 kV mod sub transfer load from and retire Ira Sub	Akron	Commercial / Residential	1,900,000	09/01/2013	05/31/2015	
OE201402	D	Bath Mod Sub on Shade Rd. Build a 138/12.5 kV mod sub transfer load from and retire Ira Sub	Bath	Commercial / Residential	1,252,768	02/01/2014	12/31/2014	
OE201403	D	South Amherst Sub. – Upgrade existing substation regulators 59-1 & 59-2	South Amherst	Commercial / Residential	135,000	09/01/2014	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
OE201404	D	Add SCADA control to various substation breakers	Various	Commercial / Residential	350,000	04/01/2014	12/31/2014	
OE201405	D	Add SCADA control to various substation breakers	Various	Commercial / Residential	350,000	04/01/2014	06/01/2016	

**Notes**

Table represents new projects.



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

<b>Facility Type</b>	<b>Total Overhead Miles</b>	<b>Total Underground Miles</b>	<b>Other Notable Characteristics</b>
D	49,383	11,618	0
T	4,415	0	0

**FirstEnergy Companies**  
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**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	\$118,300,000	\$106,850,000	\$121,200,000	\$122,600,000	\$126,100,000	\$125,100,000
T	\$9,200,000	\$2,230,000	\$9,420,000	\$9,530,000	\$9,800,000	\$9,700,000

**Notes**

2015-2017 Projected is an estimate only.  
All budgets are subject to change.

**FirstEnergy Companies**  
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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

**Notes**

Ohio Edison is not aware of any complaints from other entities for 2013.

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

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

**Notes**

None, but see also Table 3.a of the 2013 Rule 26 report for the American Transmission Systems, Inc. ("ATSI").

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

Name of RTO violation	Description

**Notes**

None, but see also Table 3.b of the 2013 Rule 26 report for the American Transmission Systems, Inc. ("ATSI").

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**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

**Notes**

None, but see also Table 3.c of the 2013 Rule 26 report for the American Transmission Systems, Inc. ("ATSI").

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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

**Notes**

None, but see also Table 3.d of the 2013 Rule 26 report for the American Transmission Systems, Inc. ("ATSI").

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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

**Notes**

None, but see also Table 3.e of the 2013 Rule 26 report for the American Transmission Systems, Inc. ("ATSI").



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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
OE0008	D	06/01/2013	06/01/2013	Completed	
OE0016	D	06/01/2016		Cancelled	Due to decreased load trending.
OE0017	D	06/01/2016		Cancelled	Due to decreased load trending.
OE0018	D	06/01/2013	06/01/2013	Completed	
OE0027	D	06/01/2017		Cancelled	Due to decreased load trending.
OE0033	D	06/01/2016		Rescheduled	Rescheduled to align project with load profile.
OE0053	D	06/01/2017		Cancelled	Due to decreased load trending.

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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
OE0054	D	06/01/2015		No Change	
OE0066	D	06/01/2018		Rescheduled	Rescheduled to align project with load profile.
OE0070	D	06/01/2016		Cancelled	Due to decreased load trending.
OE161342	D	09/01/2013	06/01/2013	Completed	
OE201016	D	06/01/2013	06/01/2013	Completed	
OE2012	D	06/01/2018		Rescheduled	Rescheduled to align project with load profile.
OE2013	D	06/01/2014		Cancelled	Due to decreased load trending.
OE201301	D	03/31/2014		No Change	

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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
OE201302	D	12/31/2013	12/31/2013	Completed	
OE201303	D	06/01/2014		No Change	

**Notes**

Includes completed, on track and/or modified projects.

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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	The Ohio Edison system provides safe and reliable service.	Daily assessment and review of transmission breaker operations. System maintenance as described in the ESSS Rule 4901:1-10-27 and 24x7 response for outage and trouble.
D	The Ohio Edison system provides safe and reliable service.	Daily assessment and review of service level metrics (SAIFI and CAIDI). System maintenance as described in the ESSS Rule 4901:1-10-27 and 24x7 response for outage and trouble.

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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	382

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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	248	0	0	0	134	0	0

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

**Total transmission Investment = \$200,273,591**

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%
Condition	3,636,858	1.82%	-2,842,090	-1.42%	751,356	0.38%	Under budget due to financial reclassification of expenses.
Forced	12,744	0.01%	213,844	0.11%	0	0.00%	Over budget due to higher transmission follow up replacement and relocation costs than budgeted.
Miscellaneous	0	0.00%	144,847	0.07%	0	0.00%	Over budget due to unbudgeted transmission replacements resulting from corrective maintenance program.
System Reinforcement	3,171,131	1.58%	-4,682	0.00%	587,221	0.29%	Under budget due to lower than anticipated transmission reliability upgrades.
Vegetation Management	0	0.00%	102,676	0.05%	0	0.00%	Over budget due to higher planned trimming than anticipated.

**Notes**

Budgets are subject to change.

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

**Total transmission investment = \$200,273,591**

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%
Corrective Maintenance	269,981	0.13%	50,776	0.03%	168,079	0.08%	Under budget due to lower corrective maintenance costs than anticipated in the budget.
Forced	0	0.00%	41,598	0.02%	0	0.00%	Over budget due to higher transmission follow up replacement costs than budgeted.
Condition	0	0.00%	-302,583	-0.15%	0	0.00%	Under budget due to a financial reclassification of expenses
Vegetation Management	0	0.00%	7,420	0.00%	0	0.00%	Over budget due to higher planned trimming than anticipated.

**Notes**

Budgets are subject to change.



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

**Total distribution investment = \$2,301,735,222**

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%
Condition	36,157,608	1.57%	17,767,866	0.77%	56,477,839	2.45%	Under budget due to lower replacement of condition equipment and reliability program expenses than budgeted.
Forced	32,687,690	1.42%	25,167,373	1.09%	19,509,865	0.85%	Under budget due to lower priority pole replacements, emergency storm restoration and related follow up work than budgeted.
Miscellaneous	3,891,193	0.17%	6,293,592	0.27%	3,873,013	0.17%	Over budget due to greater corrective maintenance work and street lighting than anticipated in the budget.
System Reinforcement	1,791,855	0.08%	1,826,461	0.08%	1,935,249	0.08%	
Vegetation Management	27,320,252	1.19%	27,191,250	1.18%	17,216,397	0.75%	

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**Notes**

Budgets are subject to change.

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

**Total distribution investment = \$2,301,735,222**

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%
Corrective Maintenance	8,995,041	0.39%	4,509,635	0.20%	1,434,670	0.06%	Under budget due to lower substation and corrective maintenance work than anticipated in the budget.
Forced	12,649,284	0.55%	8,193,862	0.36%	3,721,179	0.16%	Under budget due to lower costs associated with emergency storm restoration and related follow up work than budgeted.
Miscellaneous	5,564,957	0.24%	5,579,494	0.24%	-50,064	0.00%	
Operations	515,591	0.02%	946,830	0.04%	0	0.00%	Over budget due to higher substation and distribution operations work than anticipated in the budget.
Preventative Maintenance	65,079	0.00%	2,612,447	0.11%	568	0.00%	Over budget due to higher substation preventative maintenance costs than budgeted.
Condition	7,024,065	0.31%	7,537,012	0.33%	19,957,853	0.87%	

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

**Total distribution investment = \$2,301,735,222**

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%
Vegetation Management	2,056,835	0.09%	1,478,945	0.06%	8,042,867	0.35%	Under budget due to lower planned trimming than anticipated.

**Notes**

Budgets are subject to change.

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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	Clearing,Grading of Land	361.2	51	32.00	19	37.25%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
D	ESIP	373.2	25	5.00	20	80.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	Install on Customer Premises	371	23	10.00	13	56.52%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
D	Line Transformers	368	41	24.00	17	41.46%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	Meters	370	34	22.00	12	35.29%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
D	Overhead Conductor	365	45	32.00	13	28.89%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	Poles & Towers	364	42	23.00	19	45.24%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
D	Services	369	40	16.00	24	60.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.



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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	49	29.00	20	40.82%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
D	Station Equipment	373.7	25	25.00	0	0.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	Street Lighting	373.1	25	25.00	0	0.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
D	Underground conductor	367	44	33.00	11	25.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	Underground conduit	366	66	44.00	22	33.33%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
T	Clearing,Grading of Land	352.2	51	23.00	28	54.90%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	Clearing,Grading of Land	356.2	55	52.00	3	5.45%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
T	Overhead conductors	356.1	45	22.00	23	51.11%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	Poles & fixtures	355	48	10.00	38	79.17%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
T	Station equipment	353	50	25.00	25	50.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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/improvements	352.1	51	18.00	33	64.71%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
T	Structures/improvements	361.1	51	30.00	21	41.18%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	Towers & fixtures	354	51	-5.00	56	109.80%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
T	Underground conductor	358	45	32.00	13	28.89%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	Underground conduit	357	66	30.00	36	54.55%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
T	Underground conduit limited term	357.3	66	25.00	41	62.12%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.



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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
D	Circuit & Line	Inspect 209 circuits (2013)	Y	This program covers the visual inspection and maintenance procedures of overhead line facilities.
D	Circuit & Line	Inspect 210 circuits (2012)	Y	This program covers the visual inspection and maintenance procedures of overhead line facilities.
D	Line Capacitors	Inspect 7,900 capacitor units (2012)	Y	This program covers the inspection and maintenance procedures for distribution line capacitors.
D	Line Capacitors	Inspect 7,958 capacitor units (2013)	Y	This program covers the inspection and maintenance procedures for distribution line capacitors.
D	Line Reclosers	Inspect 3,260 recloser units (2012)	Y	This program covers the inspection and maintenance procedures for distribution line reclosers.

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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	Line Reclosers	Inspect 3,365 recloser units (2013)	Y	This program covers the inspection and maintenance procedures for distribution line reclosers.
D	Poles and Towers	Inspect 54,600 poles (2010).	Y	This program covers the inspection and maintenance procedures for poles.
D	Poles and Towers	Inspect 54,750 poles (2011).	Y	This program covers the inspection and maintenance procedures for poles.
D	Poles and Towers	Inspect 55,000 poles (2012)	Y	This program covers the inspection and maintenance procedures for poles.
D	Poles and Towers	Inspect 58,200 poles (2013)	Y	This program covers the inspection and maintenance procedures for poles.

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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	Primary & Secondary Enclosures	Inspect 14,400 primary enclosures and 12,300 secondary enclosures (2012).	Y	This program covers the external inspection and maintenance procedures for primary and secondary underground equipment.
D	Primary & Secondary Enclosures	Inspect 15,100 primary enclosures and 12,700 secondary enclosures (2013).	Y	This program covers the external inspection and maintenance procedures for primary and secondary underground equipment.
D	Right-of-Way Vegetation Control	Maintain 253 circuits (2013)	N	This program covers the four-year distribution vegetation management cycle.
DS	Substation ATR	97 percent of ATRs shall not result in a customer outage (2012).	Y	This program covers the review and addressing of substation equipment failures.
DS	Substation ATR	97 percent of ATRs shall not result in a customer outage (2013).	Y	This program covers the review and addressing of substation equipment failures.

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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
Circuit & Line  GOAL - Inspect 209 circuits (2013)	Internal Labor	Met the goal.	Inspect 209 circuits (2013)	209 circuits inspected (2013).
Circuit & Line  GOAL - Inspect 210 circuits (2012)	Internal Labor	Met the goal.	Inspect 210 circuits (2012)	210 circuits inspected (2012).
Line Capacitors  GOAL - Inspect 7,900 capacitor units (2012)	Internal Labor	Exceeded the goal.	Inspect 7,900 capacitor units (2012)	7,907 capacitor units inspected (2012).
Line Capacitors  GOAL - Inspect 7,958 capacitor units (2013)	Internal Labor	Exceeded the goal.	Inspect 7,958 capacitor units (2013)	7,969 capacitor units inspected (2013).

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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
Line Reclosers  GOAL - Inspect 3,260 recloser units (2012)	Internal Labor	Exceeded the goal.	Inspect 3,260 recloser units (2012)	3,274 recloser units inspected (2012).
Line Reclosers  GOAL - Inspect 3,365 recloser units (2013)	Internal Labor	Exceeded the goal.	Inspect 3,365 recloser units (2013)	3,392 recloser units inspected (2013).
Poles and Towers  GOAL - Inspect 54,600 poles (2010).	Pole Inspection Contractor	Exceeded the goal.	Inspect 54,600 poles (2010).	55,284 poles inspected (2010).
Poles and Towers  GOAL - Inspect 54,750 poles (2011).	Pole Inspection Contractor	Exceeded the goal.	Inspect 54,750 poles (2011).	55,517 poles inspected (2011).

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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
Poles and Towers  GOAL - Inspect 55,000 poles (2012)	Pole Inspection Contractor	Exceeded the goal.	Inspect 55,000 poles (2012)	55,369 poles inspected (2012).
Poles and Towers  GOAL - Inspect 58,200 poles (2013)	Pole Inspection Contractor	Exceeded the goal.	Inspect 58,200 poles (2013)	58,235 poles inspected (2013).
Primary & Secondary Enclosures  GOAL - Inspect 14,400 primary enclosures and 12,300 secondary enclosures (2012).	Internal Labor	Met the goal.	Inspect 14,400 primary enclosures and 12,300 secondary enclosures (2012).	14,422 primary enclosures and 12,177 secondary enclosures inspected (2012).

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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
Primary & Secondary Enclosures  GOAL - Inspect 15,100 primary enclosures and 12,700 secondary enclosures (2013).	Internal Labor	Exceeded the goal.	Inspect 15,100 primary enclosures and 12,700 secondary enclosures (2013).	15,405 primary enclosures and 13,502 secondary enclosures inspected (2013).
Substation ATR  GOAL - 97 percent of ATRs shall not result in a customer outage (2012).	ATRs are generated as substation equipment problems are identified. This identification can be the result of inspection programs or equipment failures.	Exceeded the goal.	97 percent of ATRs shall not result in a customer outage (2012).	99.5% of ATRs did not result in a customer outage (2012).
Substation ATR  GOAL - 97 percent of ATRs shall not result in a customer outage (2013).	ATRs are generated as substation equipment problems are identified. This identification can be the result of inspection programs or equipment failures.	Exceeded the goal.	97 percent of ATRs shall not result in a customer outage (2013).	98.13% of ATRs did not result in a customer outage (2013).

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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
Right-of-Way Vegetation Control  GOAL - Maintain 253 circuits (2013)	Refusal	99.6% of goal.	Maintain 253 circuits (2013)	252 circuits were maintained at the close of 2013. The remaining one circuit is open due to one customer refusal and accounts for a total of 0.4 of a mile.



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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
Circuit & Line  GOAL - Inspect 209 circuits (2013)	D	2,987 deficiencies found in 2013.	2,267 deficiencies fixed in 2013.		720 deficiencies remain to be fixed from 2013.	12/31/2014
Circuit & Line  GOAL - Inspect 210 circuits (2012)	D	4,326 deficiencies found in 2012.	3,676 deficiencies fixed as stated in prior reports. 650 deficiencies fixed in 2013.	05/21/2013	0 deficiencies remain to be fixed from 2012.	12/31/2013
Line Capacitors  GOAL - Inspect 7,900 capacitor units (2012)	D	338 deficiencies found in 2012.	337 deficiencies fixed as stated in prior reports. 1 deficiency fixed in 2013.	03/07/2013	0 deficiencies remains to be fixed from 2012.	06/01/2013
Line Capacitors  GOAL - Inspect 7,958 capacitor units (2013)	D	378 deficiencies found in 2013.	377 deficiencies fixed in 2013.		1 deficiency remains to be fixed from 2013.	12/31/2014

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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
Line Reclosers  GOAL - Inspect 3,260 recloser units (2012)	D	88 deficiencies found in 2012.	62 deficiencies fixed as stated in prior reports. 26 deficiencies in 2013.	07/30/2013	0 deficiencies remain to be fixed from 2012.	12/31/2013
Line Reclosers  GOAL - Inspect 3,365 recloser units (2013)	D	83 deficiencies found in 2013.	48 deficiencies fixed in 2013.		35 deficiencies remain to be fixed from 2013.	12/31/2014
Poles and Towers  GOAL - Inspect 54,600 poles (2010).	D	2,667 deficiencies found in 2010.	2,412 deficiencies fixed as stated in prior reports. 158 deficiencies fixed in 2013.		97 deficiencies remain to be fixed from 2010.	12/31/2015
Poles and Towers  GOAL - Inspect 54,750 poles (2011).	D	2,963 deficiencies found in 2011.	2,352 deficiencies fixed as stated in prior reports. 369 deficiencies fixed in 2013.		242 deficiencies remain to be fixed from 2011.	12/31/2016

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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
Poles and Towers  GOAL - Inspect 55,000 poles (2012)	D	3,779 deficiencies found in 2012.	1,489 deficiencies fixed as stated in prior reports. 611 deficiencies fixed in 2013.		1,679 deficiencies remain to be fixed from 2012.	12/31/2017
Poles and Towers  GOAL - Inspect 58,200 poles (2013)	D	4,425 deficiencies found in 2013.	1,543 deficiencies fixed in 2013.		2,882 deficiencies remain to be fixed from 2013.	12/31/2018
Primary & Secondary Enclosures  GOAL - Inspect 14,400 primary enclosures and 12,300 secondary enclosures (2012).	D	10,210 deficiencies found in 2012.	8,301 deficiencies fixed as stated in prior reports. 1,909 deficiencies fixed in 2013.	08/23/2013	0 deficiencies remain to be fixed from 2012.	12/31/2013

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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
Primary & Secondary Enclosures  GOAL - Inspect 15,100 primary enclosures and 12,700 secondary enclosures (2013).	D	17,029 deficiencies found in 2013.	15,816 deficiencies fixed in 2013.		1,213 deficiencies remain to be fixed from 2013.	12/31/2014
Right-of-Way Vegetation Control  GOAL - Maintain 253 circuits (2013)	D	None	None	12/31/2013	None	12/31/2013
Substation ATR  GOAL - 97 percent of ATRs shall not result in a customer outage (2012).	DS	329 deficiencies found in 2012.	292 deficiencies fixed as stated in prior reports. 37 deficiencies fixed in 2013.	12/31/2013	0 deficiencies remain to be fixed from 2012.	12/31/2013

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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
Substation ATR  GOAL - 97 percent of ATRs shall not result in a customer outage (2013).	DS	184 deficiencies found in 2013.	154 deficiencies fixed in 2013.		30 deficiencies remain to be fixed in 2013.	12/21/2014

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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
D	Circuit & Line	Inspect 209 circuits (2014)
D	Line Capacitors	Inspect 7,990 capacitor units (2014)
D	Line Reclosers	Inspect 3,498 recloser units (2014)
D	Poles and Towers	Inspect 59,500 poles (2014)
D	Primary & Secondary Enclosures	Inspect 15,000 primary enclosures and 15,000 secondary enclosures (2014).
D	Right-of-Way Vegetation Control	Maintain 290 circuits (2014)
DS	Substation ATR	97 percent of ATRs shall not result in a customer outage (2014).

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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	System Planning	Ohio Edison reviews system, substation and circuit loadings on an ongoing basis throughout the year.

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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 = System 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	20557/0057	02/23/2006	Middle Bass Cable Project	06/01/2020	Cancelled	
D	20518/0056	11/15/2005	OE-Covert South Circuit-R/P Regulators	06/01/2017	Rescheduled	
D	20557/0057	11/15/2005	OE-South Bass Step Down Station	06/01/2019	Cancelled	
D	20422/0006	11/15/2005	OE-Willow Creek Substation - Replace No. 1 TR	06/01/2017	Rescheduled	



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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

**Notes**

Ohio Edison follows the inspection and maintenance programs that were approved on June 1, 2010 under Case Number 09-0802-EL-ESS.

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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

**Notes**

Ohio Edison follows the inspection and maintenance programs that were approved on June 1, 2010 under Case Number 09-0802-EL-ESS.

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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

**Notes**

Ohio Edison follows the inspection and maintenance programs that were approved on June 1, 2010 under Case Number 09-0802-EL-ESS.

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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
05/06/2013	2:21:00AM	Electric Distribution Utility	AEP	D	20378/0001	OTHER ELECTRIC UTILITY
01/09/2013	11:27:00AM	Electric Distribution Utility	Toledo Edison	D	21014/1307	OTHER ELECTRIC UTILITY
12/22/2013	12:44:00AM	Electric Distribution Utility	AEP	D	20378/0001	OTHER ELECTRIC UTILITY

BEFORE  
THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Annual Report of  
Toledo Edison Company The  
Pursuant to Rule 26 of the Electric  
Service and Safety Standards, Ohio  
Administrative Code 4901:1-10-26

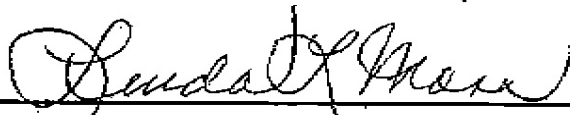
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Case No. 14-997-EL-ESS

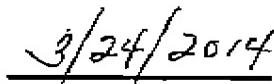
ANNUAL REPORT  
OF THE TOLEDO EDISON COMPANY THE COMPANY

Pursuant to Rule 26 of the Electric Service and Safety Standards, Ohio, Administrative Code 4901:1-10-26, Toledo Edison Company The ("TE") 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



Linda L. Moss, Regional President  
Responsible For Distribution Reporting



Date

Report Date & Time: March 24, 2014 9:20 am

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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)**

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
TE0051	D	Downtown Network: upgrade equipment and repairs	Lakewood	23 kV	345,000	01/01/2014	12/31/2014	
TE0052	D	Distribution Worst Performing Circuit Improvements	Various	12 kV	229,000	01/01/2014	12/31/2014	

**Notes**

Table represents new projects.

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

<b>Facility Type</b>	<b>Total Overhead Miles</b>	<b>Total Underground Miles</b>	<b>Other Notable Characteristics</b>
D	15,483	3,487	0
T	1,008	0	0

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

<b>All Cost</b>	<b>2013</b>		<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
	<b>Planned</b>	<b>Actual</b>	<b>Planned</b>	<b>Projected</b>	<b>Projected</b>	<b>Projected</b>
D	\$38,200,000	\$38,300,000	\$37,800,000	\$37,600,000	\$35,500,000	\$35,900,000
T	\$2,400,000	\$688,700	\$2,370,000	\$2,360,000	\$2,230,000	\$2,260,000

**Notes**

2015-2017 projected are estimated.  
All budgets are subject to change.



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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

**Notes**

Toledo Edison is not aware of any complaints from other entities for 2013.

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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

**Notes**

None, but see also Table 3.a of the 2011 Rule 26 report for the American Transmission Systems, Inc. ("ATSI").

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

Name of RTO violation	Description

**Notes**

None, but see also Table 3.b of the 2013 Rule 26 report for the American Transmission Systems, Inc. ("ATSI").

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**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

**Notes**

None, but see also Table 3.c of the 2012 Rule 26 report for the American Transmission Systems, Inc. ("ATSI").

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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

**Notes**

None, but see also Table 3.d of the 2012 Rule 26 report for the American Transmission Systems, Inc. ("ATSI").

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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

**Notes**

None, but see also Table 3.e of the 2012 Rule 26 report for the American Transmission Systems, Inc. ("ATSI").

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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
TE0015	D	06/01/2016		Cancelled	Cancelled due to slower load growth in the area than anticipated.

**Notes**

Includes completed, on track and/or modified projects.

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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	The Toledo Edison system provides safe and reliable service.	Daily assessment and review of transmission breaker operations. System maintenance as described in the ESSS Rule 4901:1-10-27 and 24x7 response for outage and trouble.
D	The Toledo Edison system provides safe and reliable service.	Daily assessment and review of service levels metrics (SAIFI and CAIDI). System maintenance as described in the ESSS Rule 4901:1-10-27 and 24x7 response for outage and trouble.



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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	66

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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	46	0	0	0	20	0	0

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

**Total transmission Investment = \$21,051,366**

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%
Condition	1,431,847	6.80%	67,581	0.32%	0	0.00%	Under budget due to lower than anticipated transmission reliability costs.
System Reinforcement	1,005,411	4.78%	419,187	1.99%	303,055	1.44%	Under budget due to lower than budgeted transmission substation costs.
Vegetation Management	0	0.00%	42,636	0.20%	0	0.00%	
Miscellaneous	0	0.00%	4,163	0.02%	0	0.00%	
Forced	0	0.00%	12,970	0.06%	0	0.00%	

**Notes**

Budgets are subject to change.

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

**Total transmission investment = \$21,051,366**

<b>Account \ SubAccount</b>	<b>2013 Budget</b>	<b>Budget as percent of investment</b>	<b>2013 Actual</b>	<b>Actual as percent of investment</b>	<b>2014 Budget</b>	<b>Current as percent of investment</b>	<b>Explanation of variance if over 10%</b>
Corrective Maintenance	263,630	1.25%	11,643	0.06%	88,872	0.42%	Under budget due to corrective maintenance costs lower than anticipated.
Forced	0	0.00%	4,642	0.02%	0	0.00%	
Condition	0	0.00%	0	0.00%	0	0.00%	
Vegetation Management	917	0.00%	7,884	0.04%	917	0.00%	

**Notes**

Budgets are subject to change.

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

**Total distribution investment = \$866,787,573**

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%
Condition	9,254,768	1.07%	8,993,908	1.04%	7,556,175	0.87%	
Forced	11,059,378	1.28%	8,675,586	1.00%	12,906,880	1.49%	Under budget due to lower than anticipated emergency storm restoration and related follow up work and lower than expected relocations.
Miscellaneous	3,424,617	0.40%	2,081,873	0.24%	3,015,785	0.35%	Under budget due to lower than anticipated meter exchange costs.
System Reinforcement	416,328	0.05%	205,035	0.02%	573,031	0.07%	Under budget due to lower equipment installation costs.
Vegetation Management	6,148,219	0.71%	4,241,545	0.49%	4,539,422	0.52%	Under budget due to vegetation management costs at lower levels than anticipated.

**Notes**

Budgets are subject to change.

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

**Total distribution investment = \$866,787,573**

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%
Corrective Maintenance	1,268,414	0.15%	1,083,635	0.13%	1,270,302	0.15%	Under budget due to lower than anticipated underground cable and underground transformer maintenance.
Forced	1,684,423	0.19%	3,277,044	0.38%	1,808,162	0.21%	Over budget due to emergency storm restoration and related follow up work higher than anticipated.
Operations	898,667	0.10%	169,587	0.02%	935,472	0.11%	Under budget due to substation operations maintenance costs lower than anticipated.
Preventative Maintenance	1,152,807	0.13%	1,089,930	0.13%	1,180,838	0.14%	
Condition	1,983,632	0.23%	2,131,249	0.25%	1,629,792	0.19%	
Vegetation Management	1,931,826	0.22%	774,861	0.09%	2,605,174	0.30%	Under budget due to vegetation management costs at lower levels than anticipated.
Miscellaneous	1,506,649	0.17%	1,439,556	0.17%	890,317	0.10%	

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**Notes**

Budgets are subject to change.

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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	Clearing,Grading of Land	361.2	50	41.00	9	18.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
D	Install on Customer Premises	371	25	11.00	14	56.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.



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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	Line Transformers	368	35	20.00	15	42.86%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
D	Meters	370	35	18.00	17	48.57%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	Overhead Conductor	365	40	21.00	19	47.50%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
D	Poles & Towers	364	40	14.00	26	65.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	Services	369	34	2.00	32	94.12%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
D	Station equipment	362	40	26.00	14	35.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	Street Lighting	373.1	25	9.00	16	64.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
D	Structures/improvements	361.1	50	21.00	29	58.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	Underground conductor	367	40	26.00	14	35.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
D	Underground conduit	366	60	27.00	33	55.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	356.1	45	19.00	26	57.78%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
T	Poles & fixtures	355	40	9.00	31	77.50%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	Station equipment	353	50	28.00	22	44.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
T	Structures/improvements	352.1	50	6.00	44	88.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	Towers & fixtures	354	50	50.00	0	0.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
T	Underground conductor	358	35	21.00	14	40.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.



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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	Underground conduit	357	40	27.00	13	32.50%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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
D	Circuit & Line	Inspect 53 circuits (2013).	Y	This program covers the visual inspection and maintenance procedures of overhead line facilities.
D	Line Capacitors	Inspect 1,616 capacitor units (2013).	Y	This program covers the inspection and maintenance procedures for distribution line capacitors.
D	Line Reclosers	Inspect 472 recloser units (2013).	Y	This program covers the inspection and maintenance procedures for distribution line reclosers.
D	Poles & Towers	Inspect 22,951 poles (2012).	Y	This program covers the inspection and maintenance procedures for distribution line poles.
D	Poles & Towers	Inspect 22,988 poles (2013).	Y	This program covers the inspection and maintenance procedures for distribution line poles.

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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	Primary Enclosures & Secondary Enclosures	Inspect 2,324 primary enclosures (2013). Inspect 3,065 secondary enclosures (2013).	Y	This program covers the external inspection and maintenance procedures for primary and secondary underground equipment.
D	Right-of-way Vegetation Control	Maintain 70 circuits (2013).	Y	This program covers the four-year distribution vegetation management cycle.
DS	Substation ATR	97 percent of ATRs shall not result in a customer outage (2012).	Y	This program covers the review and addressing of substation equipment failures.
DS	Substation ATR	97 percent of ATRs shall not result in a customer outage (2013).	Y	This program covers the review and addressing of substation equipment failures.

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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
Circuit & Line  GOAL - Inspect 53 circuits (2013).	Internal Labor	Met the goal.	Inspect 53 circuits (2013).	Inspected 53 circuits (2013).
Line Capacitors  GOAL - Inspect 1,616 capacitor units (2013).	Internal Labor	Met the goal.	Inspect 1,616 capacitor units (2013).	Inspected 1,616 capacitor units (2013).
Line Reclosers  GOAL - Inspect 472 recloser units (2013).	Internal Labor	Met the goal.	Inspect 472 recloser units (2013).	Inspected 472 recloser units (2013).
Poles & Towers  GOAL - Inspect 22,951 poles (2012).	Pole Inspection Contractor	Met the goal.	Inspect 22,951 poles (2012).	22,750 poles inspected (2012).

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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
Poles & Towers  GOAL - Inspect 22,988 poles (2013).	Pole Inspection Contractor	Exceeded the goal.	Inspect 22,988 poles (2013).	Inspected 23,199 poles (2013).
Primary Enclosures & Secondary Enclosures  GOAL - Inspect 2,324 primary enclosures (2013). Inspect 3,065 secondary enclosures (2013).	Internal Labor	Exceeded the goal.	Inspect 2,324 primary enclosures (2013). Inspect 3,065 secondary enclosures (2013).	Inspected 3,594 primary enclosures (2013). Inspected 4,555 secondary enclosures (2013).
Right-of-way Vegetation Control  GOAL - Maintain 70 circuits (2013).	Contractors	Met the goal.	Maintain 70 circuits (2013).	Maintained 70 circuits (2013).

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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 ATR  GOAL - 97 percent of ATRs shall not result in a customer outage (2012).	ATRs are generated as substation equipment problems are identified. This identification can be the result of inspection programs or equipment failures.	Exceeded the goal.	97 percent of ATRs shall not result in a customer outage (2012).	100% of ATRs did not result in a customer outage (2012).
Substation ATR  GOAL - 97 percent of ATRs shall not result in a customer outage (2013).	ATRs are generated as substation equipment problems are identified. This identification can be the result of inspection programs or equipment failures.	Exceeded the goal.	97 percent of ATRs shall not result in a customer outage (2013).	97.52% of ATRs did not result in a customer outage (2013).

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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
Circuit & Line  GOAL - Inspect 53 circuits (2013).	D	2,493 deficiencies found in 2013.	2,493 deficiencies fixed in 2013.	12/31/2013	0 deficiencies remain to be fixed from 2013.	12/31/2013
Line Capacitors  GOAL - Inspect 1,616 capacitor units (2013).	D	141 deficiencies found in 2013.	141 deficiencies fixed in 2013.	12/31/2013	0 deficiencies remain to be fixed from 2013.	12/31/2013
Line Reclosers  GOAL - Inspect 472 recloser units (2013).	D	115 deficiencies found in 2013.	115 deficiencies fixed in 2013.	12/31/2013	0 deficiencies remain to be fixed from 2013.	12/31/2013
Poles & Towers  GOAL - Inspect 22,951 poles (2012).	D	1,030 deficiencies found in 2012.	941 deficiencies fixed as stated in prior report. 89 deficiencies fixed in 2013.	04/25/2013	0 deficiencies remain to be fixed from 2012.	12/31/2013



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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
Poles & Towers  GOAL - Inspect 22,988 poles (2013).	D	1,056 deficiencies found in 2013.	836 deficiencies fixed in 2013.		220 deficiencies remain to be fixed from 2013.	12/31/2014
Primary Enclosures & Secondary Enclosures  GOAL - Inspect 2,324 primary enclosures (2013). Inspect 3,065 secondary enclosures (2013).	D	2,106 deficiencies found in 2013.	2,106 deficiencies fixed in 2013.	12/31/2013	0 deficiencies remain to be fixed from 2013.	12/31/2013
Right-of-way Vegetation Control  GOAL - Maintain 70 circuits (2013).	D	None	None	12/31/2013	None	12/31/2013

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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
Substation ATR  GOAL - 97 percent of ATRs shall not result in a customer outage (2012).	DS	228 deficiencies found in 2012.	175 deficiencies fixed as stated in prior report. 53 deficiencies fixed in 2013.	12/31/2013	0 deficiencies remain to be fixed from 2012.	12/31/2013
Substation ATR  GOAL - 97 percent of ATRs shall not result in a customer outage (2013).	DS	186 deficiencies found in 2013.	164 deficiencies fixed in 2013.		22 deficiencies remain to be fixed from 2013.	12/20/2014

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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
D	Circuit & Line	Inspect 52 circuits (2014).
D	Line Capacitors	Inspect 1,633 capacitor units (2014).
D	Line Reclosers	Inspect 476 recloser units (2014).
D	Poles & Towers	Inspect 24,214 poles (2014).
D	Primary Enclosures & Secondary Enclosures	Inspect 2,602 primary enclosures (2014). Inspect 3,088 secondary enclosures (2014).
D	Right-of-way Vegetation Control	Maintain 60 circuits (2014).
DS	Substation ATR	97 percent of ATRs shall not result in a customer outage (2014).

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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	System Planning	Toledo Edison reviews system, substation and circuit loadings on an ongoing basis throughout the year.

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

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

**Notes**

Toledo Edison reported no new actions in 2013.

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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

**Notes**

Toledo Edison follows the inspection and maintenance programs that were approved on June 1, 2010 under Case Number 09-0802-EL-ESS.

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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

**Notes**

Toledo Edison follows the inspection and maintenance programs that were approved on June 1, 2010 under Case Number 09-0802-EL-ESS.

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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

**Notes**

Toledo Edison follows the inspection and maintenance programs that were approved on June 1, 2010 under Case Number 09-0802-EL-ESS.



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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
07/10/2013	3:20:00PM	Electric Distribution Utility	AEP	D	50066/1321	Other Electric Utility

BEFORE  
THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Annual Report of  
American Transmission Systems,  
Incorporated  
Pursuant to Rule 26 of the Electric  
Service and Safety Standards, Ohio  
Administrative Code 4901:1-10-26

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:  
:  
:  
:

Case No. 14-997-EL-ESS

ANNUAL REPORT  
OF THE AMERICAN TRANSMISSION SYSTEMS, INCORPORATED COMPANY

Pursuant to Rule 26 of the Electric Service and Safety Standards, Ohio, Administrative Code 4901:1-10-26, American Transmission Systems, Incorporated ("ATSI") 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



Carl J. Bridenbaugh, Vice President, Transmission  
Responsible For Transmission Reporting

3/28/2014

Date

Report Date & Time: March 28, 2014 12:16 pm

**FirstEnergy Companies  
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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)**

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
ATSI0019 Newton Falls Substation - R/P No.3 TR 138/69kV	T	Newton Falls Substation - R/P No.3 TR 138/69kV: This project is needed to comply with planning criteria	Eastern OH		2,634,100	06/24/2004	06/01/2016	
ATSI0041 Galion - Add 138kV Cap Banks	T	Galion - Add 138kV Cap Banks: This project is needed to comply with planning criteria	Southern OH		2,033,800	05/09/2005	06/01/2020	
ATSI0043 Longview - Add 138kV Cap Bank	T	Longview - Add 138kV Cap Bank	Southern OH		1,049,529	05/09/2005	06/01/2020	

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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
ATSI0047 Darrow - West Ravenna 69kV Line - REC	T	Darrow - West Ravenna 69kV Line - Reconductor	Central OH		520,400	09/17/2004	06/01/2019	
ATSI0083 Hanville 69kV Capacitor Bank	T	Hanville 69kV Capacitor Bank: Network Addition. Service or Capacity Improvement	Central OH		773,600	08/01/2008	06/01/2016	
ATSI0126 Masury-Shenango Reconductor	T	Masury - Shenango 138kV Transmission Line reconductor: This project is needed to comply with planning criteria	Eastern OH		337,500	10/21/2010	06/01/2017	

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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
ATSI0127 Titus Substation - Cap Bank Addition	T	Titus substation - add a 69 kV capacitor bank (MISO MTEP #2852): This project is needed to comply with planning criteria	Southern OH		1,933,900	05/25/2008	06/01/2018	
ATSI0184 Cloverdale-Harmon Reconductor	T	Cloverdale-Harm on #2 & #3 138 kV - Reconductor (PJM RTEP #b1931	Central OH		3,600,000	04/03/2012	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
ATSI0188 Richland-Naomi Junction 138kV - Replace substation conductor	T	Richland-Naomi Jct. 138 kV: Replace substation conductor at Richland (PJM RTEP #b1933)	Western OH		40,000	05/03/2012	06/01/2015	
ATSI0300 Boardman - Replace TR#2	T	Boardman - Replace TR#2 due to failure	Eastern OH		1,760,900	11/19/2013	05/30/2014	
ATSI0301 Barberton Sub Upgrade	T	Barberton Sub-Upgrade 138kV main and transfer bus	Central OH		132,875	01/01/2017	06/01/2017	

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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
ATSI0302 Reconductor the Beaver-Black River 138 kV line	T	Reconductor the Beaver-Black River 138 kV line (0.7 mi) (PJM RTEP b2301)	Central OH		3,500,000	07/01/2013	12/31/2014	
ATSI0303 Barberton-Cloverdale 138 kV line	T	Barberton-Cloverdale 138 kV Line - Raise Rating (PJM RTEP #b2106)	Central OH		1,100,000	01/01/2016	06/01/2017	
ATSI0304 East Springfield 138 kV Breaker Replacement	T	East Springfield 211-B-63 138 kV Breaker Replacement RTEP b2349 BKR_REPL	Southern OH		267,200	01/01/2018	06/01/2018	

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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
ATSI0305 East Akron 138 kV Breaker Replacement	T	East Akron 36-B-46 138 kV Breaker Replacement RTEP b2367 BKR_REPL	Central OH		250,000	01/01/2018	06/01/2018	
ATSI0306 Replace Breaker at Wickliffe Substation	T	BKR_REPL Replace breaker B-103 at Wickliffe subsation due to overduty	Eastern OH		148,000	01/01/2015	06/01/2015	
ATSI0307 Niles Breaker Replacement	T	Niles B-10 138 kV Breaker Replacement RTEP b1934.4 BKR_REPL	Eastern OH		230,000	11/01/2013	06/01/2015	



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**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
ATSI0308 Lowellville Breaker Replacement	T	Lowellville 110-B-4 138kV Breaker Replacement RTEP b2193	Eastern OH		250,000	01/01/2017	06/01/2017	
ATSI0309 Buckeye Power - New Stacy Tap	T	Buckeye Power - New Stacy 138kV Tap	Eastern OH		1,094,900	01/01/2014	10/01/2014	
ATSI0310 Cloverdale-Holloway 138 kV Rebuild	T	Cloverdale-Holloway (AEP) 138kV Rebuild 3.3 Miles	Central OH		5,000,000	12/05/2011	06/01/2015	

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**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
ATSI0311 Ashtabula Generating Station	T	Ashtabula Generating Station - 138kV Control Building and Substation Equipment Relocation (PJM RTEP b2265)	Northern OH		3,600,000	01/01/2014	06/01/2015	
ATSI0312 Niles Power Plant - New Substation Control Room	T	OE - Niles Power Plant - New 138kV and 23kV Substation Control Room (PJM RTEP b2263)	Eastern OH		4,600,000	06/01/2013	06/02/2015	

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**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
ATSI0313 Lafayette Substation - add SCADA control	T	Lafayette substation - add SCADA control to both 69 kV capacitor banks	Southern OH		211,300	01/01/2014	12/31/2014	
ATSI0314 Moorefield Substation - add SCADA control	T	Moorefield substation - add SCADA control to 69 kV capacitor bank	Southern OH		125,000	01/01/2014	12/31/2014	
ATSI0315 Rona Substation - add SCADA control	T	Rona substation - add SCADA control to 69 kV capacitor bank	Southern OH		125,000	01/01/2014	12/31/2014	
ATSI0316 Eastlake - add unit breaker	T	Add Unit Breaker on Eastlake 5 Synchronous Condenser	Northern OH		2,500,000	01/01/2014	12/31/2014	

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**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
ATSI0317 Auto-Sectionalizing Switches at 18-138 kV substations and 15-69 kV substations.	T	Auto-Sectionalizing Switches at 18-138 kV substations and 15-69 kV substations.	Various		10,350,000	01/01/2014	12/31/2014	
ATSI0318 Replace bus protection	T	Replace bus protection at 12-138kV substations and 7-69kV substations	Various		9,315,000	01/01/2014	12/31/2014	
ATSI0319 Replace protection on 24-138 kV cap banks	T	Replace protection on 24-138 kV cap banks.	Various		10,580,000	01/01/2014	12/31/2014	

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**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
ATSI0320 Replace existing un-grounded cap banks	T	Replace existing un-grounded 138kV cap banks at 12 substations with new 138kV grounded cap banks	Various		6,900,000	01/01/2014	12/31/2014	
ATSI0321 Brunswick 138 kV	T	Brunswick 138kV - R/B 138kV as 4BKR ring bus with Cap Bank attached to West Akron Exit	Central OH		5,000,000	01/01/2014	12/31/2014	

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**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
ATSI0322 Lapier Sub - add 69 kV breaker	T	Lapier Sub: add a 69kV breaker on the Bayview Sewage radial line exit. Prevent load loss for line tripping.	Western OH		625,000	01/01/2014	12/31/2014	
ATSI0323 Install 138 kV SCADA control switch	T	Install 138kV SCADA control switch at tap to Marion Ethanol	Southern OH		625,000	01/01/2014	12/31/2014	
ATSI0324 Highland - Bus Relay Upgrades	T	Highland - Transformer #1, Tranformer #2 & Bus Relay Upgrades	Eastern OH		250,000	01/01/2014	12/31/2014	

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**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
ATSI0325 Hamilton - Repair/Upgrade CEI Pipe Cable	T	Hamilton - Repair / Upgrade CEI Pipe Cable	Northern OH		3,750,000	01/01/2014	12/31/2014	
ATSI0326 Replace Harding Transformer	T	Replace Harding 345-138kV TR #2	Northern OH		3,500,000	01/01/2014	12/31/2014	
ATSI0327 Replace Jennings-Juniper Underground Cables	T	Replace Jennings-Juniper Q15/Q16 Underground Cables	Northern OH		12,500,000	01/01/2014	12/31/2014	
ATSI0328 Replace Juniper Transformer	T	Replace Juniper 345-138kV TR #2	Northern OH		3,978,200	01/01/2014	12/31/2014	

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**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
ATSI0329 Replace Juniper Transformer	T	Replace Juniper 345-138kV TR #3	Northern OH		3,978,200	10/01/2013	12/31/2014	
ATSI0330 Replace line switches	T	Replace line switches on 4-138kV lines and 1-69kV line	Various		625,000	01/01/2014	12/31/2014	
ATSI0331 Revise BG #4-Pemberville Line Protection	T	Revise BG #4-Pemberville 69kV Line Protection	Western OH		62,500	01/01/2014	12/31/2014	
ATSI0332 Sammis Plant - Add breakers	T	Sammis Plant - Add breakers for CR #2 and CR #4	Eastern OH		500,000	01/01/2014	12/31/2014	



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**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
ATSI0333 Add SCADA to line switches for 9-69 kV lines.	T	Add SCADA to line switches for 9-69 kV lines.	Various		312,500	01/01/2014	12/31/2014	
ATSI0334 Install overvoltage protection	T	Install overvoltage protection on Springfield Div. cap banks	Southern OH		1,750,000	01/01/2014	12/31/2014	
ATSI0335 Upgrade Canton Central 138 kV line relays	T	Upgrade Canton Central 138kV line relays at Bluebell	Eastern OH		310,000	01/01/2014	12/31/2014	

**Notes**

Future projects beyond 2014 have implementation dates still under development and are not listed in this table.

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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
T	6,718	5	0

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**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
T	\$209,600,000	\$282,300,000	\$1,004,000,000	\$0	\$0	\$0

**Notes**

All budgets are subject to change.

While ATSI does expect to make significant investments in transmission facilities during 2015-2017, it is not in a position to provide this information in the format requested by this electronic report. ATSI placed a \$0 in the applicable boxes in the above chart because leaving the space blank or typing in letters was not an option in the electronic form provided.

This table contains total information for American Transmission Systems, Inc. ("ATSI").

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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

**Notes**

American Transmission Systems, Inc. ("ATSI") is not aware of any complaints from other entities for 2013.

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

<b>Standard number violated</b>	<b>Standard name violated</b>	<b>Date of violation</b>	<b>Violation risk factor</b>	<b>Violation severity factor</b>	<b>Total amount of penalty dollars</b>	<b>Description</b>
PRC-005-1	Transmission and Generation Protection System Maintenance and Testing	09/30/2011	High	Moderate	0	ATSI self-reported that it was not able to produce all documentation associated with maintaining some of its relays and breaker function testing
PRC-011-0	Undervoltage Load Shedding System Maintenance and Testing	10/31/2011	Lower	Minimal	0	ATSI self-reported that it was not able to produce all documentation associated with maintaining some of its undervoltage load shed relays

**Notes**

Section 9.3.2 of NERC's Compliance Monitoring and Enforcement Program provides that information regarding ongoing compliance and enforcement matters is to be confidential. Confidentiality is maintained until final FERC action on the matter. ATSI had two alleged violations of NERC's Reliability Standards that were resolved in 2013.

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

Name of RTO violation	Description

**Notes**

The RTO, PJM, operates subject to FERC-approved tariffs, and transmission owners such as ATSI comply with applicable RTO tariff requirements. Disputes about tariff requirements are addressed in the RTO stakeholder processes and in FERC dockets. As such, while ATSI is pleased to provide information about RTO violations, ATSI respectfully notes that questions or follow-up regarding specific issues or matters should be addressed in the RTO stakeholder process, or in applicable FERC dockets. For 2013, ATSI is not aware of allegations concerning RTO violations occurring in Ohio.

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**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

**Notes**

Transmission Load Relief events are regulated in the context of RTO tariffs and requirements and NERC's Reliability Standards. RTO tariffs and the Reliability Standards are established and operate subject to relevant provisions of the Federal Power Act. As such, while ATSI is pleased to provide the information described in the PUCO's regulations, ATSI does so on an informational basis only, and ATSI respectfully notes that questions about specific TLR events or information must be addressed in the appropriate FERC, RTO and NERC processes and dockets. In 2013, there were no Transmission Load Relief events for ATSI.

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

<b>Rank</b>	<b>Description of facility causing congestion</b>
1	Lakeview - Greenfield 138 kV
2	Brookside - Troy (- Henrietta) 138 kV
3	Tangy - Bellepoint (- E Springfield) 138 kV
4	Inland - Pofok (CPP) 138 kV
5	Knox - E Akron 138 kV
6	Ottawa - W Fremont 138 kV
7	Longview - ARMCO Tap (- Galion) 138 kV
8	Nash - Newell 138 kV
9	Bluebell - Knox 138 kV
10	Avon Lake 345/138 kV Tr 92



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**Notes**

FERC regulates the terms and conditions of transmission service, including transmission modeling, scheduling and dispatch by RTOs. Decisions about transmission modeling, scheduling and dispatch can have a significant impact on congestion. As such, while ATSI is pleased to provide the information described in the PUCO's regulations, ATSI does so on an informational basis only, and ATSI respectfully notes that questions about congestion related issues or information must be addressed in the appropriate FERC dockets and RTO processes. The table provides the information PJM reported as the top day-ahead constraints for 2013.

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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**

PJM is the FERC-approved regional transmission operator for the ATSI footprint. Transmission facilities that are owned by ATSI and within Ohio are subject to the RTO transmission expansion planning process. PJMs transmission expansion planning protocol is described in Schedule 6 of the PJM Operating Agreement, and in Article 7 of the PJM Transmission Owners Agreement. Copies of these documents are available on PJMs internet website, [www.pjm.com](http://www.pjm.com). Pursuant to FERC-approved tariffs and process - as well as applicable Commission and Ohio Power Siting Board (OPSB) rules, regulations and orders - FirstEnergy Service Company transmission planners conduct and coordinate transmission planning as between ATSI, ATSI's transmission customers, the regional transmission operator's transmission expansion plan, and Commission and Siting Board requirements and directives thereby ensuring consistency and transparency for all affected regulatory agencies, utilities, transmission customers and consumers. As such, while ATSI is pleased to provide the information described in the PUCO's regulations, ATSI does so on an informational basis only, and ATSI respectfully notes that questions about specific transmission planning decisions and processes should be addressed in the appropriate RTO transmission expansion planning processes and OPSB dockets. Most the specific projects described in the PJM planning document for ATSI are listed in sections 1 and 4 of this report.

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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
ATSI0007 Barberton - South Akron - Install New 138kV Line	T	06/01/2021		Cost Adjustment	Refinement of cost estimate.
ATSI0009 West Medina Sub - Install a 138/69kV Transformer	T	06/01/2018		Cost/Date Adjustment	In-Service Date & Cost revised based upon most recent assessment.
ATSI0011 Chamberlin - Shalersville New 138kV Line	T	06/01/2014		Cancelled	No longer required to meet baseline reliability obligations.
ATSI0012 Dale - Jackson New 69kV Line	T	06/01/2015		Cost Adjustment	Refinement of cost estimate.

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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
ATSI0013 Chittenden - Darrow 4 New 69 kV Exits and Install (4) 69kV Breakers at Chittenden Sub	T	12/31/2015		Cost/Date Adjustment	In-Service Date & Cost revised based upon most recent assessment.
ATSI0029 Davis Besse - Substation Breaker Additions	T	05/31/2013	06/05/2013	Completed	
ATSI0037 Hanna Sub - Mansfield-Chamberlin 345kV Loop to Hanna Sub	T	06/01/2014		Cost/Description Adjustment	Refinement of cost estimate.
ATSI0038 Springfield - London - Tangy New 138kV Line	T	06/01/2015		Cost/Date Adjustment	Description, In-Service Date & Cost revised based upon most recent assessment.

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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
ATSI0039 Stacy New 138-36kV Sub, 138kV lines to Ashtabula & Mayfield: Network Addition	T	06/01/2013	12/19/2013	Completed	
ATSI0040 Mansfield: New 69kV Switching Station & 69kV lines	T	06/01/2016		Cost/Description Adjustment	Refinement of cost estimate.
ATSI0044 Galion - Replace 138/69kV #2 TR	T	06/01/2018		Cost Adjustment	Refinement of cost estimate.
ATSI0046 Carriage-Shinrock 69kV Line - REC	T	06/01/2020		Cost Adjustment	Refinement of cost estimate.

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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
ATSI0050 Abbe - Johnson No. 1 69kV Line - Rebuild Line and Install 2-MOAB in Shawville Sub	T	06/01/2015		Project Scope Change	Description Revised
ATSI0053 Highland R/P (2) 345kV Bkrs	T	12/31/2013	12/31/2013	Completed	
ATSI0053b Highland R/P (2) 345kV Bkrs	T	12/31/2014		Cost/Date Adjustment Project Scope Change	In-Service Date & Cost revised based upon most recent assessment
ATSI0065 Midway-Richland-Wauseon and Midway-Richland-Stryker 138kV eliminate two 3 terminal lines	T	12/31/2014		Cost/Date Adjustment	In-Service Date & Cost revised based upon most recent assessment.

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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
ATSI0069 New Fulton 345-138kV Sub, 345kV lines to Allen Junction, Midway & North Star Steel, & 138kV lines to Delta & Swanton	T	12/31/2013	12/07/2013	Completed	
ATSI0079 New 138/69kV Substation, 138kV lines to Bluebell & Niles, & 69kV lines	T	06/01/2015		Cost/Description Adjustment	Refinement of cost estimate.
ATSI0084 Shawville Sub - Convert to 138kV	T	06/01/2015		Cancelled	No longer required to meet baseline reliability obligations.
ATSI0085 Wellington - Well Muni - New 69kV Line and Exit	T	12/31/2014		Cost/Date Adjustment	In-Service Date & Cost revised based upon most recent assessment.

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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
ATSI0086 Masury-Salt Springs Cap Bank Addition	T	06/01/2025		Date Adjustment	In-Service Date revised based upon most recent assessment.
ATSI0098 Masury-Shenango 138kV	T	12/31/2013	11/27/2013	Completed	
ATSI0100 Masury-Crossland 138kV Terminal Upgrade	T	12/31/2013	11/27/2013	Completed	
ATSI0104 Lynch 69kV Cap Bank Addition	T	06/01/2025		Cost Adjustment	Refinement of cost estimate.
ATSI0110 PJM Integration - Hanna-West Ravenna	T	06/01/2013	05/17/2013	Completed	



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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
ATSI0111 PJM Integration - V&M Star	T	06/01/2016		Cost/Date Adjustment/Description Adjustment	In-Service Date, Cost, & Description revised based upon most recent assessment.
ATSI0112 PJM Integration - Evergreen-Niles	T	06/01/2013	05/31/2013	Completed	
ATSI0113 Galion-Roberts North	T	06/01/2020		Date Adjustment	In-Service Date revised based upon most recent assessment.
ATSI0115 Hayes (Sandusky area) Substation (PJM RTEP #B1281), 345kV lines to Beaver & Davis Besse, 138kV lines to Greenfield (2), Avery	T	06/01/2014		Cost Adjustment	Refinement of cost estimate.

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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
ATSI0116 PJM Integration - Beaver-Davis Besse	T	06/01/2014		Cost Adjustment	Refinement of cost estimate.
ATSI0117 Cook-Longview 69kV Reconductor	T	06/01/2018		Cost Adjustment	Cost revised based upon most recent assessment.
ATSI0118 PJM Integration - Lemoyne-Midway	T	01/25/2013	01/25/2013	Completed	
ATSI0119 PJM Integration - Barberton-Star	T	06/01/2015		Cancelled	No longer required to meet baseline reliability obligations.
ATSI0120 PJM Integration - Silica	T	12/31/2015		Cost/Date Adjustment	Description, In-Service Date & Cost revised based upon most recent assessment.

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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
ATSI0121 Chamberlin Sub	T	12/31/2015		Cost/Date Adjustment	In-Service Date & Cost revised based upon most recent assessment.
ATSI0122 Lyme 69kV Cap Bank	T	06/01/2020		Cost Adjustment	Refinement of cost estimate.
ATSI0123 Adams 69kV Cap Bank	T	06/01/2020		No Change	
ATSI0124 Broadview: Create 138kV Loop around City of Springfield with 138kV lines to E. Springfield, Tangy, Clark & Urbana	T	06/01/2020		Cost Adjustment	Refinement of cost estimate.

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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
ATSI0125 PJM Integration - Jackman-Smuckers Reconductor	T	02/01/2017		Project Scope Change	Description, In-Service Date & Cost revised based upon most recent assessment.
ATSI0137 Knox 138 kV Substation	T	06/01/2013	05/16/2013	Completed	
ATSI0137b PJM Integration - Clark 138 kV Sub	T	06/01/2013	05/03/2013	Completed	
ATSI0138 PJM Integration - Star Substation	T	06/01/2013	05/17/2013	Completed	
ATSI0139 Black River 138-69 kV Sub, 138kV lines to Beaver, Johnson (2), Lorain & Republic (2), & 69kV lines	T	06/01/2013	08/30/2013	Completed	

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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
ATSI0140 Roberts - Replace 138 kV Breakers	T	12/31/2013	02/06/2014	Completed	
ATSI0141 East Akron - Replace 138 kV Breakers	T	12/31/2013	10/24/2013	Completed	
ATSI0142 Greenfield - Replace 138 kV Breaker	T	12/31/2013	10/15/2013	Completed	
ATSI0143 Sammis 138 kV - Replace Line	T	12/31/2013	12/20/2013	Completed	
ATSI0144 Gen at Ironville	T	02/01/2017		Cost/Date Adjustment	In-Service Date revised based upon most recent assessment.
ATSI0145 Henrietta-Johnson	T	06/01/2018		Cost Adjustment	Cost revised based upon most recent assessment.

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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
ATSI0146 Dale - Star	T	06/01/2019		Cost Adjustment	Cost revised based upon most recent assessment.
ATSI0150 Ohio Star Forge Co - Service Upgrade	T	04/27/2013	12/05/2013	Completed	
ATSI0151 Utica East Midstream - 138kV Line Extension	T	05/01/2013	05/24/2013	Completed	
ATSI0152 Lorain Substation - Replace Relays and SCCIR Upgrade	T	06/01/2013	03/15/2013	Completed	
ATSI0153 Eastlake Unit #5 - Convert to Synchronous Condenser	T	06/01/2013	05/25/2013	Completed	

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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
ATSI0154 Inland 138kV - New Breaker	T	06/01/2013	05/20/2013	Completed	
ATSI0155 Avon-Crestwood Q-1 138kV Terminal Upgrade	T	06/01/2013	05/30/2013	Completed	
ATSI0156 Inland - Install second 345/138kV MVA Transformer	T	06/01/2013	12/15/2013	Completed	
ATSI0157 Niles - Salt Springs 138kV Line	T	06/01/2013	05/31/2013	Completed	
ATSI0158 Maclean Substation - Capacitor Bank	T	06/01/2013	05/30/2013	Completed	

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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
ATSI0159 Bayshore-Fostoria & Lemoyne-Majestic - Replace Temporary Wood Structures	T	06/01/2013	03/05/2013	Completed	
ATSI0160 Pemberville Sub - Install 69kV Mobile Capacitor Bank	T	06/01/2013	05/19/2013	Completed	
ATSI0161 Pine Sub - 138kV Bus Improvement	T	11/01/2013	12/12/2013	Completed	
ATSI0162 SW Avon Lake Replace Breaker	T	12/31/2013	12/27/2013	Completed	
ATSI0163 Eastlake Unit #4 - Convert to Synchronous Condenser	T	06/01/2014		Cost/Date Adjustment	In-Service Date & Cost revised based upon most recent assessment.



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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
ATSI0164 345kV CCVT Replacement Perry	T	06/01/2014		Cost/Date Adjustment	In-Service Date & Cost revised based upon most recent assessment.
ATSI0165 Howard-Brookside #1 138 kV Line Reconductor (PJM RTEP b2122.1)	T	06/01/2015		Cost/Date Adjustment/Description Adjustment	In-Service Date, Cost, & Description revised based upon most recent assessment.
ATSI0166 Bluebell 138kV: Replace overdutied 138kV Transformer and Line Circuit Breakers	T	12/31/2013	12/19/2013	Completed	
ATSI0167 Knox 138kV: Replace overdutied 138kV Line Circuit Breaker	T	12/31/2013	04/30/2013	Completed	

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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
ATSI0168 Brady Lake - Replace 138kV Breaker (PJM RTEP #b1613)	T	12/31/2013	06/24/2013	Completed	
ATSI0169 North Star Steel York - Install 138kV breaker & upgrade protection	T	12/31/2013	06/26/2013	Completed	
ATSI0170 Galion-Leaside - 138kV Reconductor	T	12/31/2016		Project Scope Change	In-Service Date & Cost revised based upon most recent assessment.
ATSI0171 Galion-Longview 138kV Reconductor	T	06/01/2014		Cost Adjustment	Refinement of cost estimate.
ATSI0172 Avery-Greenfield - Raise T-Line Design	T	06/01/2014		Cost Adjustment	Refinement of cost estimate.

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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
ATSI0173 Allen Junction - 345kV Circuit Breakers	T	06/01/2014		Cost Adjustment	Refinement of cost estimate.
ATSI0174 Bayshore - Add 345/138kV Transformer	T	06/01/2014		Cost Adjustment	Refinement of cost estimate.
ATSI0175 Allen Junction - Add 345/138kV Transformer	T	06/01/2014		Cost Adjustment	Refinement of cost estimate.
ATSI0176 SW Pleasant Valley - Replace Breakers	T	06/01/2015		Cost/Date Adjustment	In-Service Date & Cost revised based upon most recent assessment.

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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
ATSI0177 Lakeshore - Install 138kV	T	06/01/2015		Project Scope Change	Description & Cost revised based upon most recent assessment.
ATSI0178 Glenwillow Substation 345kV switching station & 345kV lines to Eastlake, Inland, Juniper, Mansfield, & Perry	T	06/01/2015		Cost Adjustment	Refinement of cost estimate.
ATSI0179 Hayes 138kV Capacitor Bank	T	06/01/2015		Cost Adjustment	Refinement of cost estimate.
ATSI0180 Cloverdale-Star 138kV Line	T	06/01/2017		Cost/Date Adjustment	In-Service Date & Cost revised based upon most recent assessment.

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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
ATSI0181 Niles Substation, 345-138 kV transformation & 345kV lines to Highland & Shenango	T	06/01/2015		Cost Adjustment	Refinement of cost estimate.
ATSI0182 Boardman 138kV New Cap Bank	T	06/01/2015		Cost Adjustment	Refinement of cost estimate.
ATSI0183 Harmon Substation, 345kV lines to Star & AEP South Canton, & 138kV lines to AEP Ghost Town, Cloverdale (2) & Knox	T	06/01/2015		Cost Adjustment	Refinement of cost estimate.
ATSI0185 Barberton-West Akron - 138kV Reconductor	T	06/01/2015		Cost Adjustment	Refinement of cost estimate.

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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
ATSI0186 Toronto 345-138kV substation, 345kV lines to Sammis & Wylie Ridge, 138kV lines to Boardman, Nevada, Hagan, S. Akron, Lowellville & Sammis	T	06/01/2015		Cost Adjustment	Cost revised based upon most recent assessment.
ATSI0187 Avery Sub - Add 138/69kV Transformer	T	06/01/2015		Cost Adjustment	Refinement of cost estimate.
ATSI0189 Dowling Substation (formerly Five Points Area), 345kV lines to Lemoyne & Midway, & 138kV lines to Chrysler, Lemoyne, Levis Park & Midway	T	06/01/2015		Cost Adjustment	Refinement of cost estimate.

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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
ATSI0190 Greenfield - Replace 138kV Breaker	T	12/25/2015	12/17/2013	Completed	
ATSI0191 Greenfield - Replace 138kV Breaker	T	12/25/2015		Cancelled	No longer required to meet baseline reliability obligations.
ATSI0192 Greenfield - Replace 138kV Breaker	T	06/01/2015		Cost/Date Adjustment	In-Service Date & Cost revised based upon most recent assessment.
ATSI0193 Greenfield - Replace 138kV Breaker	T	12/25/2015	11/15/2013	Completed	
ATSI0194 Greenfield - Replace 138kV Breaker	T	12/25/2015	12/31/2012	Completed	
ATSI0195 Greenfield - Replace 138kV Breaker	T	12/25/2015	12/31/2012	Completed	

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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
ATSI0196 Greenfield - Replace 138kV Breaker	T	12/25/2015	11/15/2012	Completed	
ATSI0197 Greenfield - Replace 138kV Breaker	T	12/25/2015	11/29/2013	Completed	
ATSI0198 Inland-Jordan Loops to Clinic Hospital Substation	T	05/06/2016		Cost Adjustment	Refinement of cost estimate.
ATSI0199 Inland-Clinic Line Reconductor	T	06/01/2015		Cost/Date Adjustment	In-Service Date & Cost revised based upon most recent assessment.
ATSI0200 New 345/138kV Substation at Existing Switching Station Site	T	06/01/2016		Description/Cost Updated	Description & Cost revised based upon most recent assessment.



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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
ATSI0200b New 138kV Substation	T	06/01/2015		Cost/Date Adjustment	In-Service Date & Cost revised based upon most recent assessment.
ATSI0201 Ironville - Replace Circuit Breaker	T	06/01/2016		Cost Adjustment	Refinement of cost estimate.
ATSI0202 New Allen Junction-Midway-Lemoyne 345kV Line	T	06/01/2015		Cost/Date Adjustment	In-Service Date & Cost revised based upon most recent assessment.
ATSI0203 Eastlake Units 1-3 - Convert to Synchronous Condensers	T	06/01/2018		Cost Adjustment	Refinement of cost estimate
ATSI0204 West Fremont-Hayes - 138kV Line	T	08/30/2018		Cost/Date Adjustment	In-Service Date & Cost revised based upon most recent assessment.

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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
ATSI0205 Pennant Midstream Line Extension	T	11/30/2014		Cost/Date Adjustment	In-Service Date & Cost revised based upon most recent assessment.
ATSI0206 Rochling Automotive 69kV Tap	T	03/01/2013	03/08/2013	Completed	
ATSI0207 Old Forge New Mod Sub	T	06/01/2013	05/30/2013	Completed	
ATSI0208 SE Northfield 138/36kV Substation Rebuild	T	12/31/2014		Cost Adjustment	Description revised. Refinement of cost estimate.
ATSI0209 Toronto-Harmon 345kV line	T	06/01/2017		Cancelled	No longer required to meet baseline reliability obligations.

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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
ATSI0210 Galion - Replace #3 & #4 345-138 kV transformers	T	06/01/2015		Cost Adjustment	Refinement of cost estimate.
ATSI0211 Lake Ave 345-138kV station, 345kV lines to Beaver (2) & Avon (2), & 138kV lines to Black River 2) & Johnson (2)	T	06/01/2016		Cost Adjustment	Refinement of cost estimate.

**Notes**

Includes completed and/or modified projects.

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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	The ATSI transmission system provides safe and reliable service.	Benchmarked reliability performance in terms of the transmission contributions to SAIFI and SAIDI. Those contributions are SAIFI <sub>T</sub> and SAIDI <sub>T</sub> .

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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

**Notes**

American Transmission Systems, Inc. ("ATSI") is not aware of any complaints from other entities for 2013.

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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

**Notes**

See Table 6.

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

**Total transmission Investment = \$1,893,275,710**

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%
Condition	28,204,466	1.49%	29,424,307	1.55%	510,419,214	26.96%	
Forced	10,496,047	0.55%	7,178,822	0.38%	848,097	0.04%	Under budget due to lower than budgeted relocation costs associated with the Black River Substation project.
Miscellaneous	4,913,240	0.26%	2,167,420	0.11%	788,522	0.04%	Under budget due to lower transmission corrective maintenance capital work than anticipated.
System Reinforcement	58,721,012	3.10%	128,001,071	6.76%	282,733,790	14.93%	Over budget due to higher system reinforcement work than budgeted.
Vegetation Management	7,214,614	0.38%	11,783,792	0.62%	5,782,916	0.31%	Over budget due to greater than anticipated transmission vegetation trimming than budgeted.

**Notes**

Budgets are subject to change.

This table contains total information for American Transmission Systems, Inc. ("ATSI").

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

**Total transmission investment = \$1,893,275,710**

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%
Corrective Maintenance	2,344,635	0.12%	3,014,921	0.16%	1,986,907	0.10%	Over budget due to greater transmission substation and overhead transmission line corrective maintenance repair work than budgeted.
Forced	175	0.00%	332,185	0.02%	112	0.00%	Over budget due to emergency storm restoration and transmission line relocation work higher than budgeted.
Miscellaneous	0	0.00%	66,462	0.00%	0	0.00%	Over budget due to higher transmission fault protection work than anticipated in the budget.
Operations	2,957,139	0.16%	564,080	0.03%	1,078,880	0.06%	Under budget due to lower substation maintenance work than budgeted.
Preventative Maintenance	7,389,739	0.39%	2,752,935	0.15%	1,490,235	0.08%	Under budget due to lower than anticipated costs for preventative maintenance on substation transformers.



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

**Total transmission investment = \$1,893,275,710**

<b>Account \ SubAccount</b>	<b>2013 Budget</b>	<b>Budget as percent of investment</b>	<b>2013 Actual</b>	<b>Actual as percent of investment</b>	<b>2014 Budget</b>	<b>Current as percent of investment</b>	<b>Explanation of variance if over 10%</b>
Condition	627,982	0.03%	1,755,052	0.09%	1,029,973	0.05%	Over budget due to higher than anticipated costs associated with transmission line repairs than budgeted.
Vegetation Management	5,318,029	0.28%	5,180,834	0.27%	6,494,284	0.34%	

**Notes**

Budgets are subject to change.

This table contains total information for American Transmission Systems, Inc. ("ATSI").

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

**Total distribution investment =**

Account \ SubAccount	Budget	Budget as percent of investment	Actual	Actual as percent of investment	Budget	Current as percent of investment	Explanation of variance if over 10%
		0.00%		0.00%		0.00%	

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

**Total distribution investment =**

Account \ SubAccount	Budget	Budget as percent of investment	Actual	Actual as percent of investment	Budget	Current as percent of investment	Explanation of variance if over 10%
		0.00%		0.00%		0.00%	

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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
T	Clearing,Grading of Land	352.2	50	12.00	38	76.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
T	Clearing,Grading of Land	356.2	51	31.00	20	39.22%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	356.1	51	22.00	29	56.86%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
T	Poles & fixtures	355	47	13.00	34	72.34%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	Roads & trails	359	75	41.00	34	45.33%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
T	Station equipment	353	49	32.00	17	34.69%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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/improvements	352.1	50	22.00	28	56.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
T	Towers & fixtures	354	50	50.00	0	0.00%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

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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	Underground conductor	358	49	25.00	24	48.98%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.
T	Underground conduit	357	60	25.00	35	58.33%	Depreciable life was approved by the Commission. Average depreciation life is based on the average service life of the assets recorded in each FERC account.

**Notes**

This table contains total information for American Transmission Systems, Inc. ("ATSI").



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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
T	Transmission Circuit and Line	Patrol all lines at least once per year (2012).	Y	Transmission Circuit Patrol Program
T	Transmission Circuit and Line	Patrol all lines at least once per year (2013).	Y	Transmission Circuit Patrol Program
T	Transmission Vegetation Management	Maintain 64 corridors (2013).	N	Right-of-Way and Vegetation Management
T	Transmission Wood Pole Inspection	Inspect 1,889 poles (2013).	Y	Transmission Wood Pole

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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
Transmission Circuit and Line  GOAL - Patrol all lines at least once per year (2012).	Internal Labor	Exceeded the goal.	Patrol all lines at least once per year (2012).	All lines patrolled twice using aerial patrols (2012).
Transmission Circuit and Line  GOAL - Patrol all lines at least once per year (2013).	Internal Labor	Met the goal.	Patrol all lines at least once per year (2013).	All lines patrolled once using aerial patrols (2013).
Transmission Wood Pole Inspection  GOAL - Inspect 1,889 poles (2013).	Contractor	Exceeded the goal.	Inspect 1,889 poles (2013).	2,376 poles inspected and treated (2013).

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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
<p>Transmission Vegetation Management</p> <p>GOAL - Maintain 64 corridors (2013).</p>	Customer Refusals	<p>Met 91% of corridor goal. 904.56 miles (64 corridors) were scheduled and 902.29 miles (64 corridors) were completed, which resulted in 99.75% of mileage completed.</p> <p>The 6 corridors remain open because of customer refusals, which was the only work unable to be completed on the 6 corridors.</p>	Maintain 64 corridors (2013).	58 corridors were maintained at the close of 2013. The remaining 6 corridors remain open due to 9 customer refusals and account for a total of 2.27 miles.

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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
Transmission Circuit and Line  GOAL - Patrol all lines at least once per year (2012).	T	208 deficiencies found in 2012.	200 deficiencies fixed as stated in prior reports. 8 deficiencies fixed in 2013.	04/19/2013	0 deficiencies remain to be fixed from 2012.	04/19/2013
Transmission Circuit and Line  GOAL - Patrol all lines at least once per year (2013).	T	152 deficiencies found in 2013.	152 deficiencies fixed in 2013.	12/31/2013	0 deficiencies remain to be fixed from 2013.	12/31/2013

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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
Transmission Vegetation Management  GOAL - Maintain 64 corridors (2013).	T	None	None	12/31/2013	None	12/31/2013
Transmission Wood Pole Inspection  GOAL - Inspect 1,889 poles (2013).	T	16 deficiencies found in 2013.	16 deficiencies fixed in 2013.	12/31/2013	0 deficiencies remain to be fixed from 2013.	12/31/2013

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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
T	Transmission Circuit and Line	Patrol all lines at least once per year (2014).
T	Transmission Vegetation Management	Maintain 49 corridors (2014).
T	Transmission Wood Pole Inspection	Inspect 2,867 poles (2014).

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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
T	System Planning	A description of the planning criteria is in FirstEnergy's FERC 715 Report - Exhibit 1.

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

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

**Notes**

Specific plans are detailed in Tables 1 & 4 of this report.



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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

**Notes**

American Transmission Systems, Inc. ("ATSI") follows the inspection and maintenance programs that were approved on June 1, 2010 under Case Number 09-0802-EL-ESS.

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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

**Notes**

American Transmission Systems, Inc. ("ATSI") follows the inspection and maintenance programs that were approved on June 1, 2010 under Case Number 09-0802-EL-ESS.

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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

**Notes**

American Transmission Systems, Inc. ("ATSI") follows the inspection and maintenance programs that were approved on June 1, 2010 under Case Number 09-0802-EL-ESS.

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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

**Notes**

See Rule 4901:1-10-27(C) Report for transmission outage information.

**This foregoing document was electronically filed with the Public Utilities**

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Summary: Application in the matter of the FirstEnergy Companies report filed pursuant to Rule 26 of the Electric Service and Safety Standards, Ohio Administrative Code 4901:1-10-26 electronically filed by Ms. Tamera J Singleton on behalf of FirstEnergy Corp and Burk, James W. Mr.