

BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO

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In the Matter of the Annual Report of
Ohio Power 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. 10-996-EL-ESS

ANNUAL REPORT
OF THE OHIO POWER COMPANY COMPANY

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

Joseph J. Hamrock, President & COO - AEP Ohio
Responsible For Distribution Reporting

Date

Susan Tomasky, President AEP Transmission
Responsible For Transmission Reporting

Date

Report Date & Time: March 30, 2010 12:31 pm

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FILE

**American Electric Power
Ohio Power Company
Rule #26
2009
Electric Service And Safety Standards**

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

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	Expected completion date	Changes to previous year's plan or project
DP09CA004	D	The plan includes the upgrades necessary for the interconnection of the Wyandot Solar 10 MW solar facility. Upgrades include the addition of a control house, relay replacement, regulator control replacement, SCADA, distribution MOAB's, and primary metering.	Upper Sandusky Area, Western Ohio District	Suburban Upper Sandusky, Ohio	1,124,900	08/18/2009	06/01/2010	

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TP-2006-035	T	This plan includes the replacement of limiting terminal equipment at Tidd station to increase the thermal capabilities of the line.	This project will increase the thermal capabilities of the Tidd-Canton Central 345 kV line in central Ohio.	This project affects high voltage transfer capability across northeast Ohio.	873,000	03/05/2008	11/01/2010	

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1. 4901:1-10-28 (B)(1)(a)&(b)&(c) Future investment plan for facilities and equipment (covering period of no less than three years)
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TP-2006-122	T	The plan involves conversion of the 34.5 kV subtransmission system between Newcomerstown and Cambridge to 69 kV operation, alleviating overloads and low voltage conditions, and replacing deteriorated facilities.	Cambridge Area	Commercial, Industrial and Rural Areas in Cambridge Ohio - Approximately 140 MW.	22,610,000	09/27/2007	12/01/2012	

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TP-2007-115	T	This project involves rebuilding and reconductoring about 4 miles of 69 kV line.	Fremont Area	The City of Fremont; load of about 100 MW.	2,700,000	08/01/2007	12/31/2010	
TP-2009-061	T	This plan includes the replacement of an overdutied 138 kV circuit breaker at the Torrey Station.	Canton, Ohio area	Urban area of City of Canton.	359,000	10/01/2009	06/01/2010	

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1.a 4901:1-10-28 (B)(1)(a)&(b)&(c) Future investment plan for facilities and equipment (covering period 2009 to 2013)

All Cost	2009		2010	2011	2012	2013
	Planned	Actual	Planned	Projected	Projected	Projected
D	\$62,235,607	\$63,633,865	\$66,269,342	\$69,867,220	\$67,648,505	75,130,443
T	\$38,000,000	\$55,984,000	\$38,000,000	\$40,000,000	\$40,000,000	40,000,000

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

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Complaint(s) from other electric utility companies, regional transmission entity, or competitive retail electric supplier(s) (list individually)	Date complaint received	Nature of complaints	Action taken to address complaint	Complaint resolved (Yes or No)	Date resolved	If unresolved give explanation why
Pretty Products outaged during circuit lockout.	01/28/2009	Out of Service	Circuit sectionalized and customer restored	Yes	01/28/2009	
The circuit locked out due to an insulator breaking and the conductor was on the ground at N. 15th St. in Coshocton. Switching was performed and customer was returned to service. The Accounts Rep. said that Pretty Products was out of business	02/24/2009	Out of Service	Sectionalized circuit and restored customer	Yes	02/24/2009	
Bayer Corp advises that they are experiencing abnormal voltage.	08/09/2009	Quality of Utility Product	Problem on customer equipment, their potentials had a blown fuse.	Yes	08/09/2009	

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SCP reports blinking lights out of their Powhattan station.	03/06/2009	Repair Service	Advised that there were no circuit operations, and we had been switching 138kV Cap AA at Kammer which could result in Voltage fluctuations	Yes	03/06/2009	
SCP reports their correctional facility customer is experiencing blinking lights.	05/30/2009	Repair Service	We showed no operations, voltage indication shows two possible operations, advised customer.	Yes	05/30/2009	

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

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Identification of previously planned action	Transmission or Distribution ("T" or "D")	Planned completion date	Actual completion date of action	Identification of deviation(s) from goals of previous plan	Reason(s) for each identified deviation
DP06CA006	D	09/01/2010	07/07/2009	Completion delayed by 13 months	Availability of resources and reprioritization of workload.
DP06CO036	D	06/01/2006	05/01/2010	Station work has been completed. A portion of the distribution line is still delayed due to ODOT permit issues.	Reprioritization of workload, availability of mobile unit and ODOT permit delays.
DP07CA001	D	08/01/2010	04/01/2010	Completion delayed by 22 months.	Availability of resources and reprioritization of workload. Low priority for removal of old Baltic Station.
DP07CA044	D	12/31/2009	03/31/2009	Completion delayed by 10 months	Availability of resources and reprioritization of workload.

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DP08CA001	D	06/01/2008	02/26/2009	Completion delayed by 9 months.	Availability of resources and reprioritization of workload.
DP08CA003	D	12/01/2010	10/09/2009	Completion delayed by 16 months.	Availability of resources and reprioritization of workload. Canceled scope change to add distribution automation.
DP08CA004	D	09/30/2009	01/22/2009	Completion delayed by 8 months.	Availability of resources and reprioritization of workload.
DP08CA008	D	06/01/2008	05/01/2010	Completion delayed by 21 months	Negotiations for additional land purchase and oil line relocation extended start date.
DP08CA009	D	06/01/2008	02/27/2009	Completion delayed by 9 months.	Availability of resources and reprioritization of workload.

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DP08CA021	D	06/01/2008	09/28/2009	Completion delayed by 20 months	Availability of resources, reprioritization of workload and delivered transformer did not pass field tests.
DP08CA043	D	06/01/2008	05/27/2009	Completion delayed by 12 months	New technology issues to resolve.
DP08CO026	D	08/01/2008	03/15/2009	Completion of work delayed 8 months.	Transmission line issues and reprioritization of workload.
DP08CO027	D	12/01/2008	08/26/2009	Completion of work delayed 9 months.	Right of way issues.
DP08CO034	D	06/01/2009	12/07/2009	Completion of work delayed 6 months.	Reprioritization of workload.

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DP08CO044	D	06/01/2009	08/18/2009	Completion of work delayed 3 months.	Reprioritization of workload.
DP09CA001	D	12/01/2008	12/31/2011	Completion delayed by 15 months.	Availability of resources and reprioritization of workload.
DP08CA020	D	06/01/2009	09/01/2011	Completion delayed by 9 months	Availability of resources and reprioritization of workload.
DP08CA030	D	09/01/2009	12/31/2009	Completion delayed by 3 months	Availability of resources and reprioritization of workload.
DP09CA041	D	06/01/2009	12/31/2010	Completion delayed by 12 months	Land purchase for station expansion delayed by adjacent property owner.

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DP09CO026	D	09/01/2009	01/19/2010	Completion of work delayed 5 months.	Delays in land purchase and relocation of storm sewer.
DP09CO034	D	06/01/2010	06/01/2012	Completion of work estimated to be delayed 24 months.	Work delayed due to slower load growth and budget constraints.
TP-2003-056	T	12/31/2008	05/01/2009	Completion date delayed by four months.	Service date shifted from December 2008 to May 2009 due to construction delays.
TP-2006-061	T	12/31/2008	12/15/2008	N/A	N/A
TP-2007-030	T	04/15/2008	07/01/2008	Delay of 2+ months.	Coordinate with customer.

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4. 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	<p>The initial construction of overhead and underground facilities follows AEP's material and construction standards that incorporate National Electric Safety Code requirements. These standards were adopted to safely and reliably operate AEP's extensive transmission and distribution system in its 11-state service area. Once built and energized, the facilities are subject to mechanical and electrical stresses from various causes, including conductor and equipment loadings, severe weather, accidents and vandalism. These conditions will eventually lead to the need for maintenance, repair or replacement of the assets. Industry research and AEP's experience and expertise in the construction, operation and maintenance of transmission and distribution systems in varied geographic and demographic areas are applied to manage and maintain AEP's assets. AEP develops objectives and plans to achieve optimal performance in a safe and reliable manner over the expected life of asset, while at the same time balancing costs and benefits. An example of this type of planning can be demonstrated in AEP's annual operation and maintenance plans.</p>	<p>AEP Transmission Operations continually monitors the operational performance of its transmission system. As necessary, corrective actions are taken by Operations to ensure the safe and reliable operation of the system during normal, as well as contingency conditions. During contingency conditions, Transmission Operations directs the necessary switching to isolate faulted equipment and restore service to customers impacted by the outage. Transmission Operations is also responsible for approving facility maintenance outages to ensure the outage does not adversely impact safe and reliable operation of the transmission system. AEP East Transmission Planning and PJM periodically evaluates the anticipated performance of the transmission system over a planning horizon. As system performance deficiencies are identified and evaluated, appropriate area reinforcement plans are developed and implemented to ensure safe and reliable operation of the transmission system. The performance of existing facilities is also monitored by the Transmission Asset Management Group. As needed, facilities are scheduled for maintenance or replaced as part of AEP's on-going rehabilitation. The proposed system reinforcements and system rehabilitation plan for the next several years are discussed in Section B(1).</p>

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3. 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
DP08CO044	D	06/01/2009	08/18/2009	Completion of work delayed 3 months.	Reprioritization of workload.
DP09CA001	D	12/01/2008	12/31/2011	Completion delayed by 15 months.	Availability of resources and reprioritization of workload.
DP09CA020	D	06/01/2009	09/01/2011	Completion delayed by 9 months	Availability of resources and reprioritization of workload.
DP09CA030	D	09/01/2009	12/31/2009	Completion delayed by 3 months	Availability of resources and reprioritization of workload.
DP09CA041	D	06/01/2009	12/31/2010	Completion delayed by 12 months	Land purchase for station expansion delayed by adjacent property owner.

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3. 4901:1-10-28 (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
DP09CO026	D	09/01/2009	01/19/2010	Completion of work delayed 5 months.	Delays in land purchase and relocation of storm sewer.
DP09CO034	D	06/01/2010	06/01/2012	Completion of work estimated to be delayed 24 months.	Work delayed due to slower load growth and budget constraints.
TP-2003-056	T	12/31/2008	05/01/2009	Completion date delayed by four months.	Service date shifted from December 2008 to May 2009 due to construction delays.
TP-2006-061	T	12/31/2008	12/15/2008	N/A	N/A
TP-2007-030	T	04/15/2008	07/01/2008	Delay of 2+ months.	Coordinate with customer.

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4. 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	<p>The initial construction of overhead and underground facilities follows AEP's material and construction standards that incorporate National Electric Safety Code requirements. These standards were adopted to safely and reliably operate AEP's extensive transmission and distribution system in its 11-state service area. Once built and energized, the facilities are subject to mechanical and electrical stresses from various causes, including conductor and equipment loadings, severe weather, accidents and vandalism. These conditions will eventually lead to the need for maintenance, repair or replacement of the assets. Industry research and AEP's experience and expertise in the construction, operation and maintenance of transmission and distribution systems in varied geographic and demographic areas are applied to manage and maintain AEP's assets. AEP develops objectives and plans to achieve optimal performance in a safe and reliable manner over the expected life of asset, while at the same time balancing costs and benefits. An example of this type of planning can be demonstrated in AEP's annual operation and maintenance plans.</p>	<p>AEP Transmission Operations continually monitors the operational performance of its transmission system. As necessary, corrective actions are taken by Operations to ensure the safe and reliable operation of the system during normal, as well as contingency conditions. During contingency conditions, Transmission Operations directs the necessary switching to isolate faulted equipment and restore service to customers impacted by the outage. Transmission Operations is also responsible for approving facility maintenance outages to ensure the outage does not adversely impact safe and reliable operation of the transmission system. AEP East Transmission Planning and PJM periodically evaluates the anticipated performance of the transmission system over a planning horizon. As system performance deficiencies are identified and evaluated, appropriate area reinforcement plans are developed and implemented to ensure safe and reliable operation of the transmission system. The performance of existing facilities is also monitored by the Transmission Asset Management Group. As needed, facilities are scheduled for maintenance or replaced as part of AEP's on-going rehabilitation. The proposed system reinforcements and system rehabilitation plan for the next several years are discussed in Section B(1).</p>

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4. 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
D	<p>The initial construction of overhead and underground facilities follows AEP's material and construction standards that incorporate National Electric Safety Code requirements. These standards were adopted to safely and reliably operate AEP's extensive transmission and distribution system in its 11-state service area. Once built and energized, the facilities are subject to mechanical and electrical stresses from various causes, including conductor and equipment loadings, severe weather, accidents and vandalism. These conditions will eventually lead to the need for maintenance, repair or replacement of the assets. Industry research and AEP's experience and expertise in the construction, operation and maintenance of transmission and distribution systems in varied geographic and demographic areas are applied to manage and maintain AEP's assets. AEP develops objectives and plans to achieve optimal performance in a safe and reliable manner over the expected life of asset, while at the same time balancing costs and benefits. An example of this type of planning can be demonstrated in AEP's annual operation and maintenance plans.</p>	<p>AEP/OPCO Distribution currently provides safe, adequate and reliable service to approximately 710,160 customers within Ohio. These facilities have the capacity to serve our existing customers and provide a solid foundation for service extension for any new additional customers. AEP plans to provide safe, adequate, and reliable power for its Ohio customers through the company's continuous distribution planning process. This process relies on distribution planners strategically located throughout AEP's Ohio service territories who continually monitor the effect of changes in customer load and other requirements on the AEP system. This is accomplished, in part, by: routine comprehensive distribution load forecasting continual analysis of the impact of present and projected loading on substation and distribution equipment determination of safe, effective, and reliable overcurrent protection systems and the development of cost-effective future short and long-range distribution system infrastructure plans which will allow AEP to meet the needs of its Ohio customers. AEP/OPCO's inspection and maintenance programs have been developed and implemented with the objective of achieving optimal performance in safety, reliability and cost efficiencies over the life-cycle of the assets. These inspection and maintenance programs, in addition to closely monitoring customer complaints to gain insight into</p>

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4. 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
		areas that may require process improvement efforts, provide the "checks and balances" required to maintain a reliable distribution system.

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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	7
T	2

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5.a 4901:1-10-28 (B)(3)(b) Safety and reliability complaints detailed report

	1.	2.	3.	4.	5.	6.	7.
Type of system	Availability of service	Damage	Momentary Interruption	Out of service	Quality of utility product	Repair service	Public safety
D	0	0	3	1	0	0	3
T	0	0	1	0	0	1	0

Notes

5a 1. Availability of service - N/A (unavailable); 5a 2. Damage - comparable to "Damaged Equipment"; 5a 3. Momentary Interruption - comparable to "Intermittent or Frequent Outages"; 5a 4. Out of Service - comparable to "Extended Outages"; 5a5. Quality of Utility Product: N/A (unavailable); 5a6. Repair Service: comparable to "Maintenance"; 5a7. Public Safety: comparable to "Bare Wires, Cover Up Facilities, Debris, Guy Wire, Line Down and Pole"

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6. 4901:1-10-26 (B)(3)(c) Transmission expenditures

a.	b.	c.	d.	e.
Total transmission investment dollars	Dollars spent for transmission construction	Ratio of expenditures to total transmission investment	Dollars spent for transmission maintenance	Ratio of expenditures to total transmission investment
\$1,164,351,664	\$56,096,861	4.82%	\$14,814,183	1.28%

Notes

The amount in column b represents the capital additions or the transmission capital projects placed in service during the reporting year.

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7. 4901:1-10-26 (B)(3)(c) Distribution expenditures

a.	b.	c.	d.	e.
Total distribution investment dollars	Dollars spent for distribution construction	Ratio of expenditures to total distribution investment	Dollars spent for distribution maintenance	Ratio of expenditures to total distribution investment
\$1,567,145,843	\$124,380,386	7.94%	\$66,036,608	3.58%

Notes

The amount in column b represents the capital additions or the distribution capital projects placed in service during the reporting year.

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8. 4901:1-10-28 (B)(3)(e) Average remaining depreciation life of distribution and transmission facilities

a.	b.	c.	d.	e.	f.	g.	h.
Transmission or distribution ("T" or "D")	Asset Type	Asset's assigned FERC subaccount (account/sub account)	Total depreciable life of asset	Total depreciated life of asset	Total remaining life of asset	Percent of average remaining depreciation life of asset	Depreciation of how age was determined
D	Installations on Customers Premises	371	12.00	8.00	4.00	0.33	Asset Remaining Life (Yrs) determined based on Depreciable Plant Base minus Accumulated Provision for Depreciation divided by the Depreciable Plant Base times the applied depreciation rate. FERC Form 1 - Pages 207, 219 and 337.

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3. 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	Leased Property on Cust. Premises	372	30.00	24.00	6.00	0.20	Asset Remaining Life (Yrs) determined based on Depreciable Plant Base minus Accumulated Provision for Depreciation divided by the Depreciable Plant Base times the applied depreciation rate. FERC Form 1 - Pages 207, 219 and 337.

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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	33.00	14.00	19.00	0.58	Asset Remaining Life (Yrs) determined based on Depreciable Plant Base minus Accumulated Provision for Depreciation divided by the Depreciable Plant Base times the applied depreciation rate. FERC Form 1 - Pages 207, 219 and 337.

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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	32.00	5.00	27.00	0.84	Asset Remaining Life (Yrs) determined based on Depreciable Plant Base minus Accumulated Provision for Depreciation divided by the Depreciable Plant Base times the applied depreciation rate. FERC Form 1 - Pages 207, 219 and 337.

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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 & Devices	365	30.00	14.00	16.00	0.53	Asset Remaining Life (Yrs) determined based on Depreciable Plant Base minus Accumulated Provision for Depreciation divided by the Depreciable Plant Base times the applied depreciation rate. FERC Form 1 - Pages 207, 219 and 337.

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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, Tower & Fixtures	364	32.00	20.00	12.00	0.38	Asset Remaining Life (Yrs) determined based on Depreciable Plant Base minus Accumulated Provision for Depreciation divided by the Depreciable Plant Base times the applied depreciation rate. FERC Form 1 - Pages 207, 219 and 337.

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8. 4901:1-10-28 (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	Services - Overhead	369	33.00	20.00	13.00	0.39	Asset Remaining Life (Yrs) determined based on Depreciable Plant Base minus Accumulated Provision for Depreciation divided by the Depreciable Plant Base times the applied depreciation rate. FERC Form 1 - Pages 207, 219 and 337.

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8. 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	Station Equipment	362	35.00	8.00	27.00	0.77	Asset Remaining Life (Yrs) determined based on Depreciable Plant Base minus Accumulated Provision for Depreciation divided by the Depreciable Plant Base times the applied depreciation rate. FERC Form 1 - Pages 207, 219 and 337.

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8. 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	Storage Battery Equipment	363	15.00	1.00	14.00	0.93	Asset Remaining Life (Yrs) determined based on Depreciable Plant Base minus Accumulated Provision for Depreciation divided by the Depreciable Plant Base times the applied depreciation rate. FERC Form 1 - Pages 207, 219 and 337.

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8. 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	Street Lighting & Signal Systems	373	20.00	11.00	9.00	0.45	Asset Remaining Life (Yrs) determined based on Depreciable Plant Base minus Accumulated Provision for Depreciation divided by the Depreciable Plant Base times the applied depreciation rate. FERC Form 1 - Pages 207, 219 and 337.

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8. 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	Structures & Improvements	361	55.00	25.00	30.00	0.55	Asset Remaining Life (Yrs) determined based on Depreciable Plant Base minus Accumulated Provision for Depreciation divided by the Depreciable Plant Base times the applied depreciation rate. FERC Form 1 - Pages 207, 219 and 337.

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8. 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	Underground Conductor Residential	367	30.00	9.00	21.00	0.70	Asset Remaining Life (Yrs) determined based on Depreciable Plant Base minus Accumulated Provision for Depreciation divided by the Depreciable Plant Base times the applied depreciation rate. FERC Form 1 - Pages 207, 219 and 337.

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8. 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	Underground Conduit Residential	366	50.00	11.00	39.00	0.78	Asset Remaining Life (Yrs) determined based on Depreciable Plant Base minus Accumulated Provision for Depreciation divided by the Depreciable Plant Base times the applied depreciation rate. FERC Form 1 - Pages 207, 219 and 337.

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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	OH Cond. & Devices	356.2	58.00	22.00	36.00	0.62	Asset Remaining Life (Yrs) determined based on Depreciable Plant Base minus Accumulated Provision for Depreciation divided by the Depreciable Plant Base times the applied depreciation rate. FERC Form 1 - Pages 207, 219 and 337.

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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	OH Cond. & Devices - Above 69 KV	356	57.00	41.00	16.00	0.28	Asset Remaining Life (Yrs) determined based on Depreciable Plant Base minus Accumulated Provision for Depreciation divided by the Depreciable Plant Base times the applied depreciation rate. FERC Form 1 - Pages 207, 219 and 337.

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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	355.2	32.00	22.00	10.00	0.31	Asset Remaining Life (Yrs) determined based on Depreciable Plant Base minus Accumulated Provision for Depreciation divided by the Depreciable Plant Base times the applied depreciation rate. FERC Form 1 - Pages 207, 219 and 337.

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8. 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	Poles & Fixtures - Above 69 KV	355	27.00	21.00	6.00	0.22	Asset Remaining Life (Yrs) determined based on Depreciable Plant Base minus Accumulated Provision for Depreciation divided by the Depreciable Plant Base times the applied depreciation rate. FERC Form 1 - Pages 207, 219 and 337.

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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	45.00	15.00	30.00	0.67	Asset Remaining Life (Yrs) determined based on Depreciable Plant Base minus Accumulated Provision for Depreciation divided by the Depreciable Plant Base times the applied depreciation rate. FERC Form 1 - Pages 207, 219 and 337.

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8. 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	Structures & Improvements	352	55.00	32.00	23.00	0.42	Asset Remaining Life (Yrs) determined based on Depreciable Plant Base minus Accumulated Provision for Depreciation divided by the Depreciable Plant Base times the applied depreciation rate. FERC Form 1 - Pages 207, 219 and 337.

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8. 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	Towers & Fixtures	354.2	70.00	27.00	43.00	0.61	Asset Remaining Life (Yrs) determined based on Depreciable Plant Base minus Accumulated Provision for Depreciation divided by the Depreciable Plant Base times the applied depreciation rate. FERC Form 1 - Pages 207, 219 and 337.

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8. 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	Towers & Fixtures - Above 69 KV	354	60.00	42.00	18.00	0.30	Asset Remaining Life (Yrs) determined based on Depreciable Plant Base minus Accumulated Provision for Depreciation divided by the Depreciable Plant Base times the applied depreciation rate. FERC Form 1 - Pages 207, 219 and 337.

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8. 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	Underground Conductor	358	50.00	21.00	29.00	0.58	Asset Remaining Life (Yrs) determined based on Depreciable Plant Base minus Accumulated Provision for Depreciation divided by the Depreciable Plant Base times the applied depreciation rate. FERC Form 1 - Pages 207, 219 and 337.

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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	50.00	24.00	26.00	0.52	Asset Remaining Life (Yrs) determined based on Depreciable Plant Base minus Accumulated Provision for Depreciation divided by the Depreciable Plant Base times the applied depreciation rate. FERC Form 1 - Pages 207, 219 and 337.

Notes

Note (1): Transmission assets noted above exclude CCD facilities and do not include Accounts 350, 359, and 359.1. Accounts 350 - Land and Land Rights, 359 - Roads and Trails, and 359.1 - Asset Retirement Costs for Transmission Plant represent non-depreciable assets.; Note (2): Distribution assets noted above do not include Account 360. Account 360 - Land and Land Rights represents non-depreciable assets.; Note (3) This is the first year that account 363 has investment.

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

a.	b.	c.	d.	e.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
DS	D - Capacitor Banks	The goals are to (1) prevent unplanned outages or failures by identifying and correcting problems during scheduled inspections; and (2) reduce safety hazards, customer outages and associated call-outs for capacitor bank problems by replacing limited lifetime components in a timely manner.	Y	The maintenance performed on capacitor banks during 2009 was the result of monthly station inspections and periodic infrared inspections. Because capacitor banks have few moving parts most of the problems found were blown fuses and deformed or ruptured cans. As the problems were identified the items were replaced as soon as the equipment was available and the work could be performed.

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9. 4901:1-10-26 (B)(3)(f)(I) & (II) Inspection, maintenance, repair and replacement distribution, transmission and substation programs summary 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	D - Circuit and Line Inspections	Conduct overhead circuit inspections based on a five year cycle that results in an annual inspection of 20% of the overhead distribution facilities.	Y	Of the conditions found requiring action, approximately 30% involved structural components such as crossarms, poles, guying and miscellaneous pole hardware. Another 17% involved lightning arresters and cutouts. About 13% involved trees and the remainder of the identified conditions were related to conductors, insulators and miscellaneous conductor and grounding hardware.

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Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
DS	D - Circuit Breakers and Reclosers	The goals of this program are to (1) prevent misoperations or failures by identifying and correcting problems during scheduled inspections; and (2) reduce safety hazards, customer outages and associated call-outs for circuit breaker problems by replacing limited lifetime components in a timely manner.	Y	External inspections & maintenance: 2009 Goal = 26; 2009 Results = 26 (100% of goal achieved); Internal inspections & maintenance: 2009 Goal = 190; 2009 Results = 204 (107% of goal achieved);
D	D - Conductors (Underground Cable Rejuvenation)	Rejuvenation of primary underground cable based on age, condition and reliability history.	N	Most of the rejuvenation was performed on #2 and #1/0 Al 15KV cable.

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Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
D	D - Conductors (Overhead Conductor Replacement)	Replacement of overhead conductor installations based on age, condition and reliability history	Y	Most of the replacements involved #8 Copper and #4 ACSR primary conductor.
D	D - Conductors (Underground Cable Replacement)	Replacement of primary underground cable installations based on age, condition and reliability history.	Y	Most of the replacements involved #2 Al 15KV cable.

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Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
D	D - Line Capacitors	Inspect all line capacitors annually.	Y	There were 164 capacitors found in need of repairs. Of the conditions found, approximately 54% involved capacitor fuses assemblies, 16% involved switch or switch operation, 7% defective hardware, and 23% miscellaneous matters associated to insulators, connections, lightning arresters, controls, ground connections not continuous, etc.

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Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
D	D - Line Electronic Reclosers (Inspections)	Full inspection annually plus a second inspection each year for battery check.	Y	There were 16 locations found requiring action. Of the conditions found requiring action, approximately 61% involved battery and the other 39% were from miscellaneous matters associated to cutouts, insulators, grounds, off-line/by-passed, lightning arresters, etc.
D	D - Line NonElectronic Reclosers (Inspections)	Inspect all nonelectronic line reclosers annually.	Y	There were 18 locations found requiring action. Of the conditions found requiring action, approximately 62% ground connections not continuous and 38% miscellaneous problems such as, settings off-line/by-passed, hardware, lightning arresters, etc.

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Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
D	D - Line Reclosers (Maintenance)	Maintain reclosers on a 6 (+/-) year cycle.	N	N/A
D	D - Line Reclosers (New Vacuum Replacements)	Replace hydraulic reclosers with new vacuum interrupting reclosers	Y	N/A
D	D - Network System (Vaults)	Inspect all vaults annually.	Y	Inspection findings revealed some vaults requiring concrete repair work and vault lighting needing repaired.

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Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
D	D - Network System (Manholes)	Inspect network manholes on a four year cycle.	Y	Manhole inspections revealed some deteriorated cable and splices Also found some cable support arms requiring attention. Some minor spaulding of concrete was noted, but structural integrity is not compromised.
D	D - Network System (Protectors)	Inspect all network protectors annually.	Y	Inspections found some minor problems which were repaired.
D	D - Network System (Transformers)	Inspect all network transformers annually.	Y	Inspected all transformers for structural integrity. Performed oil analysis on 69% of transformers.

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Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
D	D - Poles (Inspection)	The program consists of a detailed inspection of company owned wood poles once every 10 years for all poles that have been in service for 18 years or longer.	Y	Inspected more poles than projected. Approx. 4.6% of the poles were rejected.
D	D - Poles (Reinforcement)	Reinforcement of poles with internal or external decay and inadequate strength.	Y	Reinforced poles from both the 2008 & 2009 programs.
D	D - Poles (Replacement)	Replacement of poles with internal or external decay and inadequate strength that are not reinforceable.	Y	Replaced more reject poles than projected.
D	D - Poles (Treatment)	Treatment of poles with internal or external decay but adequate strength.	Y	All poles that met treatment criteria were treated.

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Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
D	D - Primary and Secondary Enclosures	Five year inspection cycle of underground primary and secondary enclosures.	Y	Of the conditions found requiring action, approximately 15% involved missing locking bolts. Another 63% involved erosion and issues impacting equipment accessibility and security. About 20% involved missing structure numbers.

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a.	b.	c.	d.	e.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
DS	D - Protection and Control	Protective relaying schemes continually monitor the power system and protect lines and station equipment from damage by isolating those facilities from system disturbances. These sophisticated protective systems are designed to minimize the number of customer outages, safety issues and pieces of equipment affected. The objectives of the maintenance program are to prevent misoperation or failures of station equipment; minimize customer outages; minimize maintenance call-outs and maximize the life of station equipment.	Y	D-Calibrations on discrete relays: 2009 Goal = 541 2009 Results = 740 (137% of goal achieved); D-Functional trip tests on relay trip paths: 2009 Goal = 2926; 2009 Results = 3275 (112% of goal achieved);

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Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
D	D - Right-of-Way Vegetation Control	Vegetation management is a long term program (more than a year or two) and contains work prescriptions which include: type of treatment (mechanical, manual, herbicide) based on tree and environmental conditions priority and schedule of treatment by line/circuit and cost of treatment. As the plan progresses over time, these work prescriptions will change based on the size and type of vegetation. The initial prescription for clearing an easement may include several types of activity such as: trimming, removing, mowing and spraying. In four or five years that same easement's work prescription may only need spraying. AEP's Forestry staff and contractors continuously work to insure the appropriate prescription is utilized to increase effectiveness and	Y	OP accomplished 130% of the 2009 goal by maintaining 3,828 miles of distribution line right-of-way.

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Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
		efficiency.		
DS	D - Station Inspections	The goals are to (1) prevent unplanned outages or failures and/or safety hazards by identifying and correcting problems during scheduled inspections; and (2) reduce customer outages and associated call-outs for station problems by detecting problems and correcting them in a timely manner.	Y	2009 Goal = inspect 351 D-stations on a monthly basis; 2009 Results = inspected 351 D-stations on a monthly basis. (100% of goal achieved)

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Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
DS	D - Transformers	The goals of this program are to (1) prevent unplanned outages or failures by identifying and correcting problems during scheduled inspections; (2) reduce safety hazards, customer outages and associated call-outs for transformer problems by replacing limited lifetime components in a timely manner; and (3) utilize best practices and technology to achieve optimum loading of all transformers.	Y	Minor external inspections & maintenance: 2009 Goal = 51; 2009 Results = 66 (129% of goal achieved); Major internal inspections & maintenance: 2009 Goal = 0; 2009 Results = 0 (100% of goal achieved); Data gathered as part of the monthly station inspections programs will be continually monitored and evaluated. Major transformer maintenance will be scheduled should equipment conditions warrant this action.

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Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
DS	D - Voltage Regulators	The goals are to (1) prevent unplanned outages or failures by identifying and correcting problems during scheduled inspections and (2) reduce safety hazards, customer outages and associated call-outs for voltage regulator problems by replacing limited lifetime components in a timely manner.	Y	The maintenance performed on voltage regulators during 2009 was the result of monthly station inspections and periodic infrared inspections. Typical problems discovered are loose connections, control cabinet problems, or control problems associated with an excessive number of tap changer operations. These problems when found are either resolved at that time or subsequently scheduled for repair or replacement of the voltage regulator.

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a.	b.	c.	d.	e.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
TS	T - Capacitor Banks	The goals are to (1) prevent unplanned outages or failures by identifying and correcting problems during scheduled inspections; and (2) reduce safety hazards, customer outages and associated call-outs for capacitor bank problems by replacing limited lifetime components in a timely manner.	Y	The maintenance performed on capacitor banks during 2009 was the result of monthly station inspections and periodic infrared inspections. Because capacitor banks have few moving parts most of the problems found were blown fuses and deformed or ruptured cans. As the problems were identified the items were replaced as soon as the equipment was available and the work could be performed.

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Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
TS	T - Circuit Breakers and Reclosers	The goals of this program are to (1) prevent misoperations or failures by identifying and correcting problems during scheduled inspections; and (2) reduce safety hazards, customer outages and associated call-outs for circuit breaker problems by replacing limited lifetime components in a timely manner.	Y	External inspections & maintenance: 2009 Goal = 140; 2009 Results = 142 (101% of goal achieved); Internal inspections & maintenance: 2009 Goal = 83; 2009 Results = 85 (102% of goal achieved);
T	T - Line Inspections	The intent of line inspections is to check the present condition of a line and determine if any of its components exhibit a near term potential to fail and cause an outage or a safety problem.	Y	2009 Goal = inspect 5,435 T-line miles; 2009 Results = 100% of transmission lines inspected.

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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	T - Line Maintenance	The Intent of line maintenance is to avoid line outages and/or safety concerns whenever practical and to minimize the duration of outages when they occur.	Y	OPCO remedied 913 identified T-line problems in 2009.

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Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
TS	T - Protection and Control	Protective relaying schemes continually monitor the power system and protect lines and station equipment from damage by isolating those facilities from system disturbances. These sophisticated protective systems are designed to minimize the number of customer outages, safety issues and pieces of equipment affected. The objectives of the maintenance program are to prevent misoperation or failures of station equipment; minimize customer outages; minimize maintenance call-outs and maximize the life of station equipment.	Y	T-Calibrations on discrete relays: 2009 Goal = 1236; 2009 Results = 1699 (137% of goal achieved); T-Functional trip tests on relay trip paths: 2009 Goal = 7236; 2009 Results = 8184 (113% of goal achieved)

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Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
T	T - Right-of-Way Vegetation Control	The intent of right of way maintenance is to minimize line outages and/or safety hazards caused by vegetation growing too near energized conductors. Trees, shrubs and vines that have the potential to grow or fall into transmission lines must be removed or their growth contained.	Y	2009 Goal = maintain 996.6 miles of T-line right-of-way; 2009 Results = maintained 1022.3 miles. (102.6% of goal achieved)
TS	T - Station Inspections	The goals are to (1) prevent unplanned outages or failures and/or safety hazards by identifying and correcting problems during scheduled inspections and (2) reduce customer outages and associated call-outs for station problems by detecting problems and correcting them in a timely manner.	Y	2009 Goal = inspect 191 T-stations on a monthly basis 2009 Results = inspected 191 T-stations on a monthly basis. (100% of goal achieved).

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Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
TS	T - Transformers	The goals of this program are to (1) prevent unplanned outages or failures by identifying and correcting problems during scheduled inspections; (2) reduce safety hazards, customer outages and associated call-outs for transformer problems by replacing limited lifetime components in a timely manner; and (3) utilize best practices and technology to achieve optimum loading of all transformers.	Y	Minor external inspections & maintenance: 2009 Goal = 29; 2009 Results = 32 (110% of goal achieved); Major internal inspections & maintenance: 2009 Goal = 0; 2009 Results = 0 (100% of goal achieved); Data gathered as part of the monthly station inspections programs will be continually monitored and evaluated. Major transformer maintenance will be scheduled should equipment conditions warrant this action.

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Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
TS	T - Voltage Regulators	The goals are to (1) prevent unplanned outages or failures by identifying and correcting problems during scheduled inspections and (2) reduce safety hazards, customer outages and associated call-outs for voltage regulator problems by replacing limited lifetime components in a timely manner.	Y	The maintenance performed on voltage regulators during 2009 was the result of monthly station inspections and periodic infrared inspections. Typical problems discovered are loose connections, control cabinet problems, or control problems associated with an excessive number of tap changer operations. These problems when found are either resolved at that time or subsequently scheduled for repair or replacement of the voltage regulator.

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

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9a. 4901:1-10-26 (B)(3)(f)(I) If response in column "d" of Report 9 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
<p>D - Capacitor Banks</p> <p>GOAL - The goals are to (1) prevent unplanned outages or failures by identifying and correcting problems during scheduled inspections; and (2) reduce safety hazards, customer outages and associated call-outs for capacitor bank problems by replacing limited lifetime components in a timely manner.</p>	<p>Reliable operation of capacitor banks requires that all components of these devices and their associated switchgear is in serviceable condition. These devices have relatively few mechanical parts that require special attention. The maintenance program for capacitor banks includes procedures that provide for testing and planned maintenance to assure the integrity of these components and the overall performance of the capacitor bank.</p>	<p>Maintenance was performed, as necessary, on distribution station capacitor banks as identified during monthly station inspections and periodic infrared inspections.</p>	<p>Since capacitor banks are comprised of sealed units, with essentially no moving parts, minimal maintenance is required. Any maintenance that is required is normally scheduled to coincide with station breaker maintenance.</p>	<p>The maintenance performed on capacitor banks was the result of monthly station inspections and periodic infrared inspections. Because capacitor banks have few moving parts most of the problems found were blown fuses and deformed or ruptured cans. As the problems were identified the items were replaced as soon as the equipment was available and the work could be</p>

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9a. 4901:1-10-26 (B)(3)(f)(i) If response in column "d" of Report 9 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
				performed.
<p>D - Circuit and Line Inspections</p> <p>GOAL - Conduct overhead circuit inspections based on a five year cycle that results in an annual inspection of 20% of the overhead distribution facilities.</p>	Goals were achieved using Company work force.	Inspected 58 more circuits than projected.	167 circuits; (2010 projection = 173 circuits)	225 circuits (135%)

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1.	2.	3.	4.	5.
Program name	Explanation of how goal were achieved	Description of extent of achievement	Quantitative description of goal in either numerical values or percentages	Quantitative description of actual performance in either numerical values or percentages
<p>D - Circuit Breakers and Reclosers</p> <p>GOAL - The goals of this program are to (1) prevent misoperations or failures by identifying and correcting problems during scheduled inspections; and (2) reduce safety hazards, customer outages and associated call-outs for circuit breaker problems by replacing limited lifetime components in a timely manner.</p>	<p>Preventive maintenance on circuit breakers and reclosers is evolving from traditional time-based maintenance to Condition Based Maintenance (CBM), which includes time and operation intervals. Some of the principles of Reliability Centered Maintenance (RCM) are also being applied. RCM focuses on the reliability of components and is triggered by conditions that exist such as the total number of operations that have occurred since the last maintenance, which indicates the amount of duty (or use) the operating mechanism has incurred.</p>	<p>The 2009 goals for distribution circuit breaker and reclosure inspection and maintenance were achieved.</p>	<p>2009 Goal = 26 external inspections & maintenance; 2009 Goal = 190 internal inspections & maintenance.</p>	<p>2009 Results = 26 external inspections & maintenance. (100% of goal achieved); 2009 Results = 204 internal inspections & maintenance. (107% of goal achieved)</p>

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9a. 4801:1-10-28 (B)(3)(f)(i) If response in column "d" of Report 9 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
<p>D - Conductors (Overhead Conductor Replacement)</p> <p>GOAL - Replacement of overhead conductor installations based on age, condition and reliability history</p>	Goals were achieved using Company and Contractor work force.	A total of 5.6 miles were replaced in 2009	5 miles (2010 projection = 6 miles)	5.6 miles (112%)
<p>D - Conductors (Underground Cable Replacement)</p> <p>GOAL - Replacement of primary underground cable installations based on age, condition and reliability history.</p>	Goals were achieved using Contractor work force.	A total of 8.3 miles were replaced in 2009.	6 miles (2010 projection = 3.5 miles)	8.3 miles (138%)

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1.	2.	3.	4.	5.
Program name	Explanation of how goal were achieved	Description of extent of achievement	Quantitative description of goal in either numerical values or percentages	Quantitative description of actual performance in either numerical values or percentages
D - Line Capacitors GOAL - Inspect all line capacitors annually.	Goals were achieved using Company work force.	Inspected all line capacitor banks.	1814 banks, 2895 inspections (2010 projection = 1784 banks, inspections 2878)	1814 banks, 2895 inspections
D - Line Electronic Reclosers (Inspections) GOAL - Full inspection annually plus a second inspection each year for battery check.	Goals were achieved using Company work force.	Full inspection annually plus a second inspection each year for battery check. A job to inspect the recloser is generated every six months, if a recloser is replaced before it is inspected, the job is cancelled, and a new job will generate in the next six month cycle. When a recloser is replaced, the unit being installed has been inspected prior to installation. Some new reclosers were installed and also inspected.	657 reclosers, 1188 inspections (2010 projection = 653 reclosers, 1306 inspections)	657 reclosers, 1188 inspections
D - Line NonElectronic Reclosers (Inspections) GOAL - Inspect all nonelectronic line reclosers annually.	Goals were achieved using Company work force.	Inspected all in-service reclosers. Some new reclosers were installed and also inspected.	4552 reclosers (2010 projection = 5025 reclosers)	4552 reclosers

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1.	2.	3.	4.	5.
Program name	Explanation of how goal were achieved	Description of extent of achievement	Quantitative description of goal in either numerical values or percentages	Quantitative description of actual performance in either numerical values or percentages
D - Line Reclosers (New Vacuum Replacements) GOAL - Replace hydraulic reclosers with new vacuum interrupting reclosers	Goals were achieved using Company or Contract workforce.	Upgraded 133 more units than projected.	41 reclosers; (2010 projection = 35 vacuum recloser replacements)	174 reclosers (424%)
D - Network System (Vaults) GOAL - Inspect all vaults annually.	Goals were achieved using Company work force.	Inspected all vaults.	83 vaults (2010 projection = 83 vaults)	83 vaults (100%)
D - Network System (Manholes) GOAL - Inspect network manholes on a four year cycle.	Goals were achieved using Company work force.	Inspected 1/4 of in-service manholes.	88 manholes; (2010 projection = 89 manholes)	96 manholes (100%+)

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1.	2.	3.	4.	5.
Program name	Explanation of how goal were achieved	Description of extent of achievement	Quantitative description of goal in either numerical values or percentages	Quantitative description of actual performance in either numerical values or percentages
D - Network System (Protectors) GOAL - Inspect all network protectors annually.	Goals were achieved using Company work force.	Inspected all network protectors. Inspected some multiple times.	76 network protectors; (2010 projection = 75 protectors)	97 network protectors (100%+) (Inspected some more than once)
D - Network System (Transformers) GOAL - Inspect all network transformers annually.	Goals were achieved using Company work force.	Completed oil sampling and analysis. Number of units slightly less due to reduction of units in service requiring oil analysis. Visually Inspected all network transformers for structural integrity.	Oil Sampling: 87 network transformers (2010 projection = 89 transformers); Structural Integrity Inspections: 126 network transformers (2010 projection = 129 transformers)	Oil Sampling: 89 network transformers; Structural Integrity Inspections: 129 network transformers (100%+)

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9a. 4901:1-10-26 (B)(3)(i)(I) If response in column "d" of Report 9 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
D - Poles (Inspection) GOAL - The program consists of a detailed inspection of company owned wood poles once every 10 years for all poles that have been in service for 18 years or longer.	Goals were achieved using Contractor work force.	Inspected more poles than projected.	28,000 poles; (2010 projection = 41,000 poles)	31,419 poles (112%)
D - Poles (Reinforcement) GOAL - Reinforcement of poles with internal or external decay and inadequate strength.	Goals were achieved using Contractor work force.	Restored 207 more poles than projected.	220 poles; (2010 projection = 400 poles)	427 poles (194%)

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9a. 4901:1-10-26 (B)(3)(f)(i) If response in column "d" of Report 9 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
D - Poles (Replacement) GOAL - Replacement of poles with internal or external decay and inadequate strength that are not reinforceable.	Goals were achieved using Company or Contract workforce.	Replaced 549 more poles than projected.	900 poles; (2010 projection = 1100 poles)	1,449 poles (161%)
D - Poles (Treatment) GOAL - Treatment of poles with internal or external decay but adequate strength.	Goals were achieved using Contractor work force.	Treated all poles that met treatment criteria.	4,760 poles; (2010 projection = 6,150 poles)	4,752 poles (100%)
D - Primary and Secondary Enclosures GOAL - Five year inspection cycle of underground primary and secondary enclosures.	Goals were achieved using Contractor work force.	Inspected 1443 more transformers than projected.	5,000 transformers; (2010 projection = 5,900 structures)	6,443 transformers (129%)

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9a. 4901:1-10-26 (B)(3)(f)(i) If response in column "d" of Report 9 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
<p>D - Protection and Control</p> <p>GOAL - Protective relaying schemes continually monitor the power system and protect lines and station equipment from damage by isolating those facilities from system disturbances. These sophisticated protective systems are designed to minimize the number of customer outages, safety issues and pieces of equipment affected. The objectives of the maintenance program are to prevent misoperation or failures of station equipment; minimize customer outages; minimize maintenance</p>	<p>Protective relaying schemes continually monitor the power system and protect lines and station equipment from damage by isolating those facilities from system disturbances. These sophisticated protective systems are designed to minimize the number of customer outages, safety issues and pieces of equipment affected. The objectives of the maintenance program are to prevent misoperation or failures of station equipment; minimize customer outages; minimize maintenance call-outs and maximize the life of station equipment.</p>	<p>The 2009 goals for distribution station discrete relay calibrations and trip path functional tests were achieved.</p>	<p>2009 Goal = 541 D - discrete relay calibrations; 2009 Goal = 2826 D - functional trip tests on relay trip paths.</p>	<p>2009 Results = 740 calibrations on discrete relays. (137% of goal achieved); 2009 Results = 3275 functional trip tests on relay trip paths. (112% of goal achieved)</p>

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9a. 4901:1-10-26 (B)(3)(f)(i) If response in column "d" of Report 9 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
call-outs and maximize the life of station equipment.				

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9a. 4901:1-10-28 (B)(3)(f)(i) If response in column "d" of Report 9 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
<p>D - Right-of-Way Vegetation Control</p> <p>GOAL - Vegetation management is a long term program (more than a year or two) and contains work prescriptions which include: type of treatment (mechanical, manual, herbicide) based on tree and environmental conditions priority and schedule of treatment by line/circuit and cost of treatment. As the plan progresses over time, these work prescriptions will change based on the size and type of vegetation. The initial prescription for clearing an</p>	<p>The annual Work plan consist of two components: Station Breaker zones and full circuits that are scheduled for end to end clearing. Each fall the Company begins developing a plan based on performance and input from field personnel. Throughout the year, the initial clearing plan is re-evaluated and adjusted as needed to address emerging customer issues. The line clearance work plan is accomplished utilizing a variety of forestry tools and equipment. Off road trimmers, aerial saw, brush mowers, conventional climbing and bucket crews are utilized in the AEP Ohio program. AEP Ohio is proactive in customer and community notification of our vegetation clearing plans.</p>	<p>Cleared 878 miles more than projected.</p>	<p>OP accomplished 130% of the 2009 goal by maintaining 3,828 miles of distribution line right-of-way.</p>	<p>In 2009, 3,828 miles were completed (130% of the goal).</p>

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9a. 4901:1-10-26 (B)(3)(f)(i) If response in column "d" of Report 9 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
easement may include several types of activity such as: trimming, removing, mowing and spraying. In four or five years that same easement's work prescription may only need spraying. AEP's Forestry staff and contractors continuously work to insure the appropriate prescription is utilized to increase effectiveness and efficiency.				

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8a. 4901:1-10-26 (B)(3)(f)(I) If response in column "d" of Report 9 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
<p>D - Station Inspections</p> <p>GOAL - The goals are to (1) prevent unplanned outages or failures and/or safety hazards by identifying and correcting problems during scheduled inspections; and (2) reduce customer outages and associated call-outs for station problems by detecting problems and correcting them in a timely manner.</p>	<p>Each transmission station is inspected monthly. Identified problems are noted on the inspection report and any serious condition is immediately reported to maintenance personnel.</p>	<p>The 2009 goal for distribution station inspections on a monthly basis was achieved.</p>	<p>2009 Goal = inspect 348 D-stations on a monthly basis</p>	<p>2009 Results = inspected 351 D-stations on a monthly basis. (100% of goal achieved); 351 inspected because a transmission station was converted into a distribution station (Texas Eastern Metering) and two new stations were added (Citizens and Ray).</p>

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9a. 4901:1-10-26 (B)(3)(f)(i) If response in column "d" of Report 8 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
<p>D - Transformers</p> <p>GOAL - The goals of this program are to (1) prevent unplanned outages or failures by identifying and correcting problems during scheduled inspections; (2) reduce safety hazards, customer outages and associated call-outs for transformer problems by replacing limited lifetime components in a timely manner; and (3) utilize best practices and technology to achieve optimum loading of all transformers.</p>	<p>Reliable operation of transformers requires that all components of these devices be in serviceable condition. These devices have a number of mechanical and electrical parts that require special attention. The maintenance program for transformers includes procedures that provide for monitoring, testing and planned maintenance to assure the integrity of these components and the overall performance of the transformers.</p>	<p>The 2009 goals for distribution station transformer inspections and maintenance were achieved.</p>	<p>2009 Goal = 51 minor external inspections & maintenance and 0 major internal inspections & maintenance.</p>	<p>2009 Results = 66 minor external inspections & maintenance. (129% of goal achieved); Data gathered as part of the monthly station inspections programs will be continually monitored and evaluated. Major transformer maintenance will be scheduled should equipment conditions warrant this action. 0 major internal inspection was completed in 2009. (100% of goal achieved).</p>

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

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9a. 4901:1-10-28 (B)(3)(f)(i) If response in column "d" of Report 9 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
<p>D - Voltage Regulators</p> <p>GOAL - The goals are to (1) prevent unplanned outages or failures by identifying and correcting problems during scheduled inspections and (2) reduce safety hazards, customer outages and associated call-outs for voltage regulator problems by replacing limited lifetime components in a timely manner.</p>	<p>Reliable operation of voltage regulators requires that all components of these devices be in serviceable condition. These devices have a number of mechanical and electrical parts that require special attention. The maintenance program for voltage regulators includes procedures that provide for testing and planned maintenance to assure the integrity of these components and the overall performance of the voltage regulators.</p>	<p>Maintenance was performed, as necessary, on distribution station feeder regulators and/or bus regulators as identified during monthly station inspections.</p>	<p>Based on experience and results of previous monthly station inspections, no distribution station feeder or bus regulator maintenance was planned in 2010 for OPCO voltage regulators. Data from monthly station inspection programs is continually monitored and evaluated. If necessary, regulator maintenance will be performed as equipment conditions warrant.</p>	<p>The maintenance performed on voltage regulators was the result of monthly station inspections and periodic infrared inspections. Typical problems discovered are loose connections, control cabinet problems, or control problems associated with an excessive number of tap changer operations. These problems when found are either resolved at that time or subsequently</p>

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9a. 4901:1-10-26 (B)(3)(f)(i) If response in column "d" of Report 9 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
				scheduled for repair or replacement of the voltage regulator.

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9a. 4901:1-10-26 (B)(3)(f)(I) If response in column "d" of Report 9 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
<p>T - Capacitor Banks</p> <p>GOAL - The goals are to (1) prevent unplanned outages or failures by identifying and correcting problems during scheduled inspections; and (2) reduce safety hazards, customer outages and associated call-outs for capacitor bank problems by replacing limited lifetime components in a timely manner.</p>	<p>Reliable operation of capacitor banks requires that all components of these devices and their associated switchgear is in serviceable condition. These devices have relatively few mechanical parts that require special attention. The maintenance program for capacitor banks includes procedures that provide for testing and planned maintenance to assure the integrity of these components and the overall performance of the capacitor bank.</p>	<p>Maintenance was performed, as necessary, on transmission station capacitor banks as identified during monthly station inspections and periodic infrared inspections.</p>	<p>Since capacitor banks are comprised of sealed units, with essentially no moving parts, minimal maintenance is required. Any maintenance that is required is normally scheduled to coincide with station breaker maintenance.</p>	<p>The maintenance performed on capacitor banks was the result of monthly station inspections and periodic infrared inspections. Because capacitor banks have few moving parts most of the problems found were blown fuses and deformed or ruptured cans. As the problems were identified the items were replaced as soon as the equipment was available and the work could be</p>

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9a. 4801:1-10-26 (B)(3)(f)(i) If response in column "d" of Report 9 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
				performed.
<p>T - Circuit Breakers and Reclosers</p> <p>GOAL - The goals of this program are to (1) prevent misoperations or failures by identifying and correcting problems during scheduled inspections; and (2) reduce safety hazards, customer outages and associated call-outs for circuit breaker problems by replacing limited lifetime components in a timely manner.</p>	<p>Preventive maintenance on circuit breakers and reclosers is evolving from traditional time-based maintenance to Condition Based Maintenance (CBM), which includes time and operation intervals. Some of the principles of Reliability Centered Maintenance (RCM) are also being applied. RCM focuses on the reliability of components and is triggered by conditions that exist such as the total number of operations that have occurred since the last maintenance, which indicates the amount of duty (or use) the operating mechanism has incurred.</p>	<p>The 2009 goals for transmission circuit breaker and reclosure inspection and maintenance were achieved and exceeded.</p>	<p>2009 Goal = 140 external inspections & maintenance; 2009 Goal = 83 internal inspections & maintenance.</p>	<p>2009 Results = 142 external inspections & maintenance (101% of goal achieved); 2009 Results = 85 internal inspections & maintenance (102% of goal achieved).</p>

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9a. 4901:1-10-26 (B)(3)(f)(I) If response in column "d" of Report 9 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
<p>T - Line Inspections</p> <p>GOAL - The intent of line inspections is to check the present condition of a line and determine if any of its components exhibit a near term potential to fail and cause an outage or a safety problem.</p>	<p>OPCO has a total of 5,435 miles of transmission lines ranging from 23 kV to 765 kV in voltage. Various types of construction have been used over the years ranging from typical wood pole structures to large lattice towers. Inspection methods vary and can be performed from the air, ground, or by climbing a structure. All structures or a few targeted structures in a line may be inspected at a given time utilizing one or more inspection methods.</p>	<p>2009 goal for transmission line inspections was achieved.</p>	<p>2009 Goal = Inspect 5,435 T-line miles.</p>	<p>2009 Results = 100% of OPCO transmission lines inspected.</p>

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9a. 4901:1-10-26 (B)(3)(f)(i) If response in column "d" of Report 9 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
<p>T - Line Maintenance</p> <p>GOAL - The intent of line maintenance is to avoid line outages and/or safety concerns whenever practical and to minimize the duration of outages when they occur.</p>	<p>Data collected as part of the line inspection program is analyzed and categorized to establish a work plan. The most serious items detected that can lead to line outages and/or safety hazards, such as broken poles or cross-arms, are scheduled for prompt corrective action. Less serious problems, such as loose bolts or broken ground wires, which have little or no chance of causing outages or safety issues are catalogued as non-critical and scheduled for replacement or repair in a timely, but less critical manner. Typically, these problems are corrected as general line maintenance is performed but, in some cases, may become part of a capital line rebuild or rehabilitation program.</p>	<p>2009 maintenance was scheduled and performed, as necessary, on transmission lines issues that were identified during inspections.</p>	<p>The 2009 goal was to schedule and perform transmission line maintenance, as necessary, based on issues identified during inspections.</p>	<p>The number of identified problems remedied in OPCO during 2009 is 1314. Additionally, many corrective actions were made to facilities during restoration efforts following major storm activities.</p>

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9a. 4901:1-10-26 (B)(3)(f)(I) If response in column "d" of Report 9 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
<p>T - Protection and Control</p> <p>GOAL - Protective relaying schemes continually monitor the power system and protect lines and station equipment from damage by isolating those facilities from system disturbances. These sophisticated protective systems are designed to minimize the number of customer outages, safety issues and pieces of equipment affected. The objectives of the maintenance program are to prevent misoperation or failures of station equipment; minimize customer outages; minimize maintenance</p>	<p>Protective relaying schemes continually monitor the power system and protect lines and station equipment from damage by isolating those facilities from system disturbances. These sophisticated protective systems are designed to minimize the number of customer outages, safety issues and pieces of equipment affected. The objectives of the maintenance program are to prevent misoperation or failures of station equipment; minimize customer outages; minimize maintenance call-outs and maximize the life of station equipment.</p>	<p>The 2009 goals for transmission station discrete relay calibrations and trip path functional tests were achieved.</p>	<p>2009 Goal = 1236 T - discrete relay calibrations; 2009 Goal = 7236 T - functional trip tests on relay trip paths.</p>	<p>2009 Results = 1699 calibrations on discrete relays. (137% of goal achieved); 2009 Results = 6164 functional trip tests on relay trip paths. (113% of goal achieved).</p>

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9a. 4901:1-10-26 (B)(3)(f)(i) If response in column "d" of Report 9 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
call-outs and maximize the life of station equipment.				
<p>T - Right-of-Way Vegetation Control</p> <p>GOAL - The intent of right of way maintenance is to minimize line outages and/or safety hazards caused by vegetation growing too near energized conductors. Trees, shrubs and vines that have the potential to grow or fall into transmission lines must be removed or their growth contained.</p>	<p>Annual aerial inspection data and ongoing spot inspections are made in areas where fast-growth vegetation is known to occur. Routine patrol inspection data are used to locate areas where tree trimming or other vegetation containment activities are required. Prioritization techniques, utilizing data obtained from various types of patrols, are used to establish these schedules.</p>	<p>The 2009 goal for transmission line right-of-way vegetation control was achieved and exceeded.</p>	<p>2009 Goal = maintain 996.6 miles of T-line right-of-way</p>	<p>2009 Results = maintained 1022.3 miles. (102.6% of goal achieved)</p>

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9a. 4901:1-10-26 (B)(3)(f)(I) If response in column "d" of Report 9 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
<p>T - Station Inspections</p> <p>GOAL - The goals are to (1) prevent unplanned outages or failures and/or safety hazards by identifying and correcting problems during scheduled inspections and (2) reduce customer outages and associated call-outs for station problems by detecting problems and correcting them in a timely manner.</p>	<p>Each transmission station is inspected monthly. Identified problems are noted on the inspection report and any serious condition is immediately reported to maintenance personnel.</p>	<p>The 2009 goal for transmission station inspections on a monthly basis was achieved.</p>	<p>2009 Goal = inspect 192 T-stations on a monthly basis.</p>	<p>2009 Results = inspected 191 T-stations on a monthly basis. (100% of goal achieved).</p>

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8a. 4901:1-10-26 (B)(3)(f)(i) If response in column "d" of Report 9 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
<p>T - Transformers</p> <p>GOAL - The goals of this program are to (1) prevent unplanned outages or failures by identifying and correcting problems during scheduled inspections; (2) reduce safety hazards, customer outages and associated call-outs for transformer problems by replacing limited lifetime components in a timely manner; and (3) utilize best practices and technology to achieve optimum loading of all transformers.</p>	<p>Reliable operation of transformers requires that all components of these devices be in serviceable condition. These devices have a number of mechanical and electrical parts that require special attention. The maintenance program for transformers includes procedures that provide for monitoring, testing and planned maintenance to assure the integrity of these components and the overall performance of the transformers.</p>	<p>The 2009 goal for transmission transformer inspection and maintenance were achieved.</p>	<p>2009 Goal = 29 minor external inspections & maintenance and 0 major internal inspection & maintenance .</p>	<p>2009 Results = 32 minor external inspections & maintenance. (110% of goal achieved); Data gathered as part of the monthly station inspections programs will be continually monitored and evaluated. Major transformer maintenance will be scheduled should equipment conditions warrant this action. 0 major internal inspection was completed in 2009. (100% of goal achieved).</p>

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

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9a. 4901:1-10-26 (B)(3)(f)(i) If response in column "d" of Report 9 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
<p>T - Voltage Regulators</p> <p>GOAL - The goals are to (1) prevent unplanned outages or failures by identifying and correcting problems during scheduled inspections and (2) reduce safety hazards, customer outages and associated call-outs for voltage regulator problems by replacing limited lifetime components in a timely manner.</p>	<p>Reliable operation of voltage regulators requires that all components of these devices be in serviceable condition. These devices have a number of mechanical and electrical parts that require special attention. The maintenance program for voltage regulators includes procedures that provide for testing and planned maintenance to assure the integrity of these components and the overall performance of the voltage regulators.</p>	<p>Maintenance was performed, as necessary, on transmission station feeder regulators and/or bus regulators as identified during monthly station inspections.</p>	<p>Based on experience and results of previous monthly station inspections, no transmission station feeder or bus regulator maintenance was planned in 2010 for OPCO voltage regulators. Data from monthly station inspection programs is continually monitored and evaluated. If necessary, regulator maintenance will be performed as equipment conditions warrant.</p>	<p>The maintenance performed on voltage regulators was the result of monthly station inspections and periodic infrared inspections. Typical problems discovered are loose connections, control cabinet problems, or control problems associated with an excessive number of tap changer operations. These problems when found are either resolved at that time or subsequently</p>

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9a. 4901:1-10-26 (B)(3)(f)(i) If response in column "d" of Report 9 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
				scheduled for repair or replacement of the voltage regulator.

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9b. 4901:1-10-26 (B)(3)(f)(i) If response in column "d" of Report 9 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>D - Conductors (Underground Cable Rejuvenation)</p> <p>GOAL - Rejuvenation of primary underground cable based on age, condition and reliability history.</p>	<p>AEP Ohio redirected resources to higher priority locations. Although the underground cable rejuvenation goal for Ohio Power was not achieved, the underground cable rejuvenation for Columbus Southern Power exceeded its goal by 5.5 miles. During 2009, AEP Ohio stopped the underground cable rejuvenation due to emerging potential environmental and quality concerns.</p>	<p>A total of 1.4 miles were rejuvenated in 2009.</p>	<p>2 miles (2010 projection = 0 miles). This program has been stopped.</p>	<p>1.4 miles (70%)</p>
<p>D - Line Reclosers (Maintenance)</p> <p>GOAL - Maintain reclosers on a 6 (+/-) year cycle.</p>	<p>Upgraded a number of hydraulic reclosers to vacuum reclosers rather than replacing with like kind.</p>	<p>Maintained 72 fewer reclosers than projected, but upgraded 133 more reclosers to vacuum units than projected.</p>	<p>365 reclosers; (2010 projection = 447 reclosers)</p>	<p>293 reclosers (80%)</p>

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9.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

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9.c. 4901:1-10-26 (B)(3)(f)(ii) 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
<p>D - Capacitor Banks</p> <p>GOAL - The goals are to (1) prevent unplanned outages or failures by identifying and correcting problems during scheduled inspections; and (2) reduce safety hazards, customer outages and associated call-outs for capacitor bank problems by replacing limited lifetime components in a timely manner.</p>	DS	<p>Prior to each peak load season (winter and/or summer) station capacitor banks are checked, typically during a monthly station inspection, to make sure that the unit is operating properly and will be available when called upon to support system voltages. Should a component failure, such as a capacitor can, fuse or vacuum bottle, be identified as part of the monthly station inspections, the failed unit is simply replaced with a new unit. Typically these repairs</p>	<p>Prior to each peak load season (winter and/or summer) station capacitor banks are checked, typically during a monthly station inspection, to make sure that the unit is operating properly and will be available when called upon to support system voltages. Should a component failure, such as a capacitor can, fuse or vacuum bottle, be identified as part of the monthly station inspections, the failed unit is simply replaced with a new unit. Typically these repairs</p>	12/31/2009	None required.	

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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
		are made shortly after the condition is identified.	are made shortly after the condition is identified.			

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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
<p>D - Circuit and Line Inspections</p> <p>GOAL - Conduct overhead circuit inspections based on a five year cycle that results in an annual inspection of 20% of the overhead distribution facilities.</p>	D	<p>Of the conditions found requiring action, approximately 30% involved structural components such as crossarms, poles, guying and miscellaneous pole hardware. Another 17% involved lightning arresters and cutouts. About 13% involved trees and the remainder of the identified conditions were related to conductors, insulators and miscellaneous conductor and grounding hardware.</p>	<p>Defects hazardous to employees and the public were corrected immediately. The most severe structural conditions were remedied while those that were more moderate in nature were identified for subsequent corrective action. Inoperative or blown lightning arresters were replaced as well as identified defective fuse cutout assemblies. Some insulator and conductor problems were also corrected.</p>	12/31/2009	<p>Non-hazardous defects requiring attention are typically repaired within 12 months of being identified during inspection.</p>	12/31/2010

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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
<p>D - Circuit Breakers and Reclosers</p> <p>GOAL - The goals of this program are to (1) prevent misoperations or failures by identifying and correcting problems during scheduled inspections; and (2) reduce safety hazards, customer outages and associated call-outs for circuit breaker problems by replacing limited lifetime components in a timely manner.</p>	DS	<p>Of the maintenance performed on substation circuit breakers and reclosers during 2009, typical problems discovered are summarized as follows - bushings that exhibited elevated power factor test results, gas leaks, deteriorated oil based on test results, deteriorated or worn internal tank components (interrupters, elevated contact resistance, moisture intrusion), compressor system problems, and mechanism problems.</p>	<p>Typical remediation for bushings that exhibited elevated power factor readings would be an accelerated testing schedule or a scheduled replacement. Gas leaks are addressed based on the severity and the location of the gas leak. If the gas leak is severe, a complete overhaul of the circuit breaker may be required which would be scheduled as soon as practical.</p> <p>Deteriorated oil is typically cleaned and reclaimed by filtering at the time of the circuit breaker/recloser internal inspection, or replaced</p>	12/31/2009	<p>Problems that affect reliability or safety are addressed at the time maintenance is performed. Other conditions are noted for reference in the normal course of business. Dates are recorded in the Integrated Station Inspection System (ISIS) Database.</p>	

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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
			with new oil if the level of deterioration warrants. Deteriorated or worn internal components are typically replaced or repaired during the circuit breaker/recloser internal inspection, however, judgment is used on continued serviceability and the circuit breaker may be placed on an accelerated inspection schedule. Compressor system problems and mechanism problems are addressed when found as these conditions can affect the timing and operation of			

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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
			the circuit breaker or recloser. Any moisture intrusion is typically corrected at the time of the internal inspection.			
D - Conductors (Underground Cable Rejuvenation) GOAL - Rejuvenation of primary underground cable based on age, condition and reliability history.	D	Underground primary line sections that met cable rejuvenation guidelines were identified and scheduled for treatment.	Primary cables were rejuvenated using the CableCure and Novinium rejuvenation processes.	12/31/2009	None required.	

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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
D - Conductors (Overhead Conductor Replacement) GOAL - Replacement of overhead conductor installations based on age, condition and reliability history	D	Line sections of mostly small wire (typically #6 Copper or #4 ACSR) with numerous splices or suspected of having a corroded steel core were identified and scheduled for replacement.	Conductors were replaced with #2AA conductor or larger.	12/31/2009	None required.	

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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
D - Conductors (Underground Cable Replacement) GOAL - Replacement of primary underground cable installations based on age, condition and reliability history.	D	Underground primary line sections that had repeated cable failures due to break down of cable insulation were identified and scheduled for replacement.	Primary cables were replaced with new URD cable.	12/31/2009	None required.	

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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
D - Line Capacitors GOAL - Inspect all line capacitors annually.	D	There were 164 capacitors found in need of repairs. Of the conditions found, approximately 54% involved capacitor fuses assemblies, 16% involved switch or switch operation, 7% defective hardware, and 23% miscellaneous matters associated to insulators, connections, lightning arresters, controls, ground connections not continuous, etc.	Controls were repaired or replaced. Other defects were reported to the line department for follow-up.	12/31/2009	Make repairs to remaining defects identified during the inspection.	12/31/2010

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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
D - Line Electronic Reclosers (Inspections) GOAL - Full inspection annually plus a second inspection each year for battery check.	D	There were 16 locations found requiring action. Of the conditions found requiring action, approximately 61% involved battery and the other 39% were from miscellaneous matters associated to cutouts, insulators, grounds, off-line/by-passed, lightning arresters, etc.	Batteries were replaced. All other defects found have been referred to the line department for follow-up.	12/31/2009	Make repairs to remaining defects identified during the inspection.	12/31/2010

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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
D - Line NonElectronic Reclosers (Inspections) GOAL - Inspect all nonelectronic line reclosers annually.	D	There were 18 locations found requiring action. Of the conditions found requiring action, approximately 62% ground connections not continuous and 38% miscellaneous problems such as, settings off-line/by-passed, hardware, lightning arresters, etc.	Miscellaneous defects involving ground connections were repaired. All other defects found have been referred to the line department for follow-up.	12/31/2009	Make repairs to remaining defects identified during the inspection.	12/31/2010
D - Line Reclosers (Maintenance) GOAL - Maintain reclosers on a 6 (+/-) year cycle.	D	Reclosers in service 6 (+/-) years were identified and scheduled for replacement.	Replaced reclosers with reconditioned or new units.	12/31/2009	None required.	

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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
D - Line Reclosers (New Vacuum Replacements) GOAL - Replace hydraulic reclosers with new vacuum interrupting reclosers	D	A limited number of hydraulic reclosers in service 6 (+/-) years were identified and scheduled for replacement with vacuum units..	Replaced hydraulic reclosers with new vacuum reclosers.	12/31/2009	None required.	
D - Network System (Vaults) GOAL - Inspect all vaults annually.	D	Inspection revealed need for some degree of concrete work on 9 transformer vaults. Also found some vaults in need of grounding improvements.	Seven vault tops were replaced and two were repaired	10/21/2009	All vault tops are in reasonable condition at this time.	

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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
<p>D - Network System (Manholes)</p> <p>GOAL - Inspect network manholes on a four year cycle.</p>	D	Identified locations needing cable support arms. Found some deteriorating cable and connectors at a few locations.	<p>Replaced 1700' of secondary cable, removed 1400' of old primary cable and installed 5000'.</p> <p>Completed 96 primary splices, installed 24 new secondary connections, installed 400' neutral conductor, replaced or installed 185 current limiters, and replaced 11 cable support arms. Upgraded ground rings in 20 manholes. Much of this work was part an ongoing rebuild project in the Canton network.</p>	12/31/2009	Support arms with primary circuits will be replaced when those feeders can be removed from service. None were critical. Additional cable will be replaced as part of a multi-year project to rebuild a major portion of the Canton network.	

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9.c. 4901:1-10-26 (B)(3)(f)(ii) 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
D - Network System (Protectors) GOAL - Inspect all network protectors annually.	D	Found 8 network protectors requiring maintenance.	All problems found in 2008 were minor and repairs were made during inspection. 1 relay was replaced in 2009.	12/31/2009	A number of protectors will be replaced as part of work to be completed in conjunction with a multi-year project to rebuild a major portion of the Canton network.	12/31/2010
D - Network System (Transformers) GOAL - Inspect all network transformers annually.	D	There were some transformers with oil results that will need to continue to be monitored.	Replaced 3 transformers. Continued oil sampling and monitoring..	12/02/2009	Will continue to monitor DGA oil tests for all active transformers. Some transformers will be replaced in 2010.	12/31/2010

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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
D - Poles (Inspection) GOAL - The program consists of a detailed inspection of company owned wood poles once every 10 years for all poles that have been in service for 18 years or longer.	D	Above and below ground inspection and treatment of poles.	See results of pole treatment, replacement or reinforcement below.	12/12/2009	None required.	

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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
D - Poles (Reinforcement) GOAL - Reinforcement of poles with internal or external decay and inadequate strength.	D	Above and below ground inspection of poles identified those poles that are not likely to have enough remaining adequate strength to make it through the next inspection cycle.	Poles that met the reinforcement criteria were reinforced by contract crews	12/31/2009	Restore remaining poles identified in the 2009 program.	03/31/2010

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Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
D - Poles (Replacement) GOAL - Replacement of poles with internal or external decay and inadequate strength that are not reinforceable.	D	Above and below ground inspection of poles identified those poles that are not likely to have enough remaining adequate strength to make it through the next inspection cycle.	A number of poles identified as reject poles under this year's inspection program were replaced. These were primarily priority rejects. Most of the poles replaced were identified during inspections performed in prior years.	12/31/2009	Replace remaining rejected poles identified during the 2009 inspection program. 07/30/10 for priority replacements. 07/30/12 for normal replacements.	07/31/2012
D - Poles (Treatment) GOAL - Treatment of poles with internal or external decay but adequate strength.	D	Above and below ground inspection of poles identified those requiring chemical treatment to resist decay.	Preservative treatment applied to poles meeting treatment criteria.	12/12/2009	None required.	

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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
D - Primary and Secondary Enclosures GOAL - Five year inspection cycle of underground primary and secondary enclosures.	D	Of the conditions found requiring action, approximately 15% involved missing locking bolts. Another 63% involved erosion and issues impacting equipment accessibility and security. About 20% involved missing structure numbers.	Locking bolts were replaced, structure numbers were installed and any defects posing a hazard to employees and the public were corrected.	12/31/2009	Non-hazardous defects requiring attention are typically repaired within 12 months of being identified during inspection.	12/31/2010

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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
<p>D - Protection and Control</p> <p>GOAL - Protective relaying schemes continually monitor the power system and protect lines and station equipment from damage by isolating those facilities from system disturbances. These sophisticated protective systems are designed to minimize the number of customer outages, safety issues and pieces of equipment affected. The objectives of the</p>	DS	<p>Most of the relay systems were found to be in good operating condition and did not require any corrective maintenance. In some instances, the Protection and Control maintenance program identified relays and relay schemes that were inoperative or partially inoperative due to dirty contacts, coils, associated wiring, or other components. Relays that were found to be inaccurate or inoperative were recalibrated or in some cases replaced if the physical condition</p>	<p>Any deficiencies identified were either rectified at the time of discovery or as soon as replacement parts were available. The problems that were identified and corrected helped to ensure the safety of our system, reduce outages to customers, and prevent possible damage to other power system equipment.</p>	12/31/2009	<p>Problems that affect reliability or safety are addressed at the time maintenance is performed. Other conditions are noted for reference in the normal course of business. Dates are recorded in the Protection and Control Information System (PCIS) Database.</p>	

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maintenance program are to prevent misoperation or failures of station equipment; minimize customer outages; minimize maintenance call-outs and maximize the life of station equipment.		warranted. Relay schemes that failed to operate as designed due to component failure were restored to full functionality through a number of means including the cleaning of contacts, the adjustment of components, and the replacement of failed parts.				

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<p>D - Right-of-Way Vegetation Control</p> <p>GOAL - Vegetation management is a long term program (more than a year or two) and contains work prescriptions which include: type of treatment (mechanical, manual, herbicide) based on tree and environmental conditions priority and schedule of treatment by line/circuit and cost of treatment. As the plan progresses over time, these work</p>	D					

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prescriptions will change based on the size and type of vegetation. The initial prescription for clearing an easement may include several types of activity such as: trimming, removing, mowing and spraying. In four or five years that same easement's work prescription may only need spraying. AEP's Forestry staff and contractors continuously work to insure the appropriate prescription is utilized to increase effectiveness and efficiency.						

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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
<p>D - Station Inspections</p> <p>GOAL - The goals are to (1) prevent unplanned outages or failures and/or safety hazards by identifying and correcting problems during scheduled inspections; and (2) reduce customer outages and associated call-outs for station problems by detecting problems and correcting them in a timely manner.</p>	DS	<p>The replacement of burned out control panel and equipment lights are accomplished during the inspection. Also, station batteries are inspected for corroded terminals and any abnormal cells. Terminals are cleaned and any abnormalities are reported into the tablet computers. Battery ground lights are checked which could indicate a possible ground in the DC system, and the overall battery voltage and battery charger voltage and current are taken and recorded, with the</p>	<p>Typically many of the minor items discovered as part of the Station Inspection Program can be and are remedied during the inspection. The level of resources required and the severity of the findings determine the scheduling and response if the situation cannot be dealt with during the time of the inspection.</p>	12/31/2009	None required.	

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		battery charger output voltage adjusted as necessary during the inspection. Control house heaters, air conditioning units or heat pumps are checked to ensure these devices are operating properly. Station grounds are inspected with special attention to the fence and gates to ensure the station is secure. Any problems with the fence or gate are repaired. If permanent repairs cannot be completed at this time it is noted in the tablet computers and temporary repairs				

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		are made. During the inspection personnel inspect the yards, structures and equipment for broken insulators, bird nests and other yard debris.				

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Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
<p>D - Transformers</p> <p>GOAL - The goals of this program are to (1) prevent unplanned outages or failures by identifying and correcting problems during scheduled inspections; (2) reduce safety hazards, customer outages and associated call-outs for transformer problems by replacing limited lifetime components in a timely manner; and (3) utilize best practices and technology to achieve</p>	DS	Of the maintenance performed on substation transformers during 2009, typical problems discovered are summarized as follows - bushings that exhibited elevated power factor test results, surge arresters that were found deteriorated by test, minor oil leaks, cooling system debris, temperature gauge problems, Load Tap Changer (LTC) contact wear, minor gas system leaks, and Load Tap Changer (LTC) filtration unit problems.	Typical remediation for bushings that exhibited elevated power factor readings would be an accelerated testing schedule or a scheduled replacement. Surge arresters found deteriorated based on test results are addressed by an accelerated testing schedule or a scheduled replacement. Typically, most minor oil leaks and minor gas system leaks are addressed in as much as practical on site during preventive maintenance; however, leaks that cannot be easily repaired would be	12/31/2009	Problems that affect reliability or safety are addressed at the time maintenance is performed. Other conditions are noted for reference in the normal course of business. Dates are recorded in the Integrated Station Inspection System (ISIS) Database.	

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optimum loading of all transformers.			scheduled for repair based on the severity of the condition and the level of resources required. Load Tap Changer contacts exhibiting excessive wear are generally replaced during the LTC inspection process and LTC filtration units are maintained as conditions warrant. Debris in transformer cooling systems (radiators) are typically removed when found, however, transformers with coolers instead of radiators require high-pressure washing which must be			

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			scheduled. Defective gauges found are either recalibrated or scheduled for replacement in the normal course of business.			

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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
<p>D - Voltage Regulators</p> <p>GOAL - The goals are to (1) prevent unplanned outages or failures by identifying and correcting problems during scheduled inspections and (2) reduce safety hazards, customer outages and associated call-outs for voltage regulator problems by replacing limited lifetime components in a timely manner.</p>	DS	<p>Typical problems discovered are loose connections, control cabinet problems, or control problems associated with an excessive number of tap changer operations. These problems when found are either resolved at that time or subsequently scheduled for repair or replacement of the voltage regulator.</p>	<p>Typical problems discovered are loose connections, control cabinet problems, or control problems associated with an excessive number of tap changer operations. These problems when found are either resolved at that time or subsequently scheduled for repair or replacement of the voltage regulator.</p>	12/31/2009	None required.	

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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
<p>T - Capacitor Banks</p> <p>GOAL - The goals are to (1) prevent unplanned outages or failures by identifying and correcting problems during scheduled inspections; and (2) reduce safety hazards, customer outages and associated call-outs for capacitor bank problems by replacing limited lifetime components in a timely manner.</p>	TS	<p>Prior to each peak load season (winter and/or summer) station capacitor banks are checked, typically during a monthly station inspection, to make sure that the unit is operating properly and will be available when called upon to support system voltages. Should a component failure, such as a capacitor can, fuse or vacuum bottle, be identified as part of the monthly station inspections, the failed unit is simply replaced with a new unit. Typically these repairs</p>	<p>Prior to each peak load season (winter and/or summer) station capacitor banks are checked, typically during a monthly station inspection, to make sure that the unit is operating properly and will be available when called upon to support system voltages. Should a component failure, such as a capacitor can, fuse or vacuum bottle, be identified as part of the monthly station inspections, the failed unit is simply replaced with a new unit. Typically these repairs</p>	12/31/2009	None required.	

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9.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
		are made shortly after the condition is identified.	are made shortly after the condition is identified.			

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9.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
<p>T - Circuit Breakers and Reclosers</p> <p>GOAL - The goals of this program are to (1) prevent misoperations or failures by identifying and correcting problems during scheduled inspections; and (2) reduce safety hazards, customer outages and associated call-outs for circuit breaker problems by replacing limited lifetime components in a timely manner.</p>	TS	<p>Of the maintenance performed on substation circuit breakers and reclosers during 2009, typical problems discovered are summarized as follows - bushings that exhibited elevated power factor test results, gas leaks, deteriorated oil based on test results, deteriorated or worn internal tank components (interrupters, elevated contact resistance, moisture intrusion), compressor system problems, and mechanism problems.</p>	<p>Typical remediation for bushings that exhibited elevated power factor readings would be an accelerated testing schedule or a scheduled replacement. Gas leaks are addressed based on the severity and the location of the gas leak. If the gas leak is severe, a complete overhaul of the circuit breaker may be required which would be scheduled as soon as practical.</p> <p>Deteriorated oil is typically cleaned and reclaimed by filtering at the time of the circuit breaker/recloser internal inspection, or replaced</p>	12/31/2009	<p>Problems that affect reliability or safety are addressed at the time maintenance is performed. Other conditions are noted for reference in the normal course of business. Dates are recorded in the Integrated Station Inspection System (ISIS) Database.</p>	

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9.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
			with new oil if the level of deterioration warrants. Deteriorated or worn internal components are typically replaced or repaired during the circuit breaker/recloser internal inspection, however, judgment is used on continued serviceability and the circuit breaker may be placed on an accelerated inspection schedule. Compressor system problems and mechanism problems are addressed when found as these conditions can affect the timing and operation of			

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9.c. 4901:1-10-26 (B)(3)(i)(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
			the circuit breaker or recloser. Any moisture intrusion is typically corrected at the time of the internal inspection.			

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9.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
<p>T - Line Inspections</p> <p>GOAL - The intent of line inspections is to check the present condition of a line and determine if any of its components exhibit a near term potential to fail and cause an outage or a safety problem.</p>	T	<p>A major portion of the conditions found involved structural components such as poles, crossarms, guying and hardware. Insulator problems (chipped, burned, broken) and conductor/shieldwire problems were the next largest group of conditions found. Relatively fewer conditions involved transmission corridor problems such as easement encroachments, landslides or washouts. Various miscellaneous conditions were also</p>	<p>The line conditions remedied included the most severe structural conditions while the more moderate structural conditions were noted for subsequent corrective action. Defective insulators requiring immediate attention were also replaced. Urgent transmission corridor problems were dealt with immediately, while others may require longer-term litigation or engineering studies to resolve. Additionally, many corrective actions were made to facilities during</p>	07/08/2009	None required.	

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9.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
		noted including, among other things, missing structure numbering signs, damaged FAA markings and foreign attachments.	restoration efforts following major storm activity.			

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9.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
<p>T - Line Maintenance</p> <p>GOAL - The intent of line maintenance is to avoid line outages and/or safety concerns whenever practical and to minimize the duration of outages when they occur.</p>	T	<p>Data collected as part of the line inspection program is analyzed and categorized to establish a work plan. The most serious items detected that can lead to line outages and/or safety hazards, such as broken poles or cross-arms, are scheduled for prompt corrective action. Less serious problems, such as loose bolts or broken ground wires, which have little or no chance of causing outages or safety issues are catalogued as non-critical and scheduled for</p>	<p>Typically, these problems are corrected as general line maintenance is performed but, in some cases, may become part of a capital line rebuild or rehabilitation program.</p>	12/29/2009	None required.	

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9.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
		replacement or repair in a timely, but less critical manner.				

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9.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
<p>T - Protection and Control</p> <p>GOAL - Protective relaying schemes continually monitor the power system and protect lines and station equipment from damage by isolating those facilities from system disturbances. These sophisticated protective systems are designed to minimize the number of customer outages, safety issues and pieces of equipment affected. The objectives of the</p>	TS	<p>Most of the relay systems were found to be in good operating condition and did not require any corrective maintenance. In some instances, the Protection and Control maintenance program identified relays and relay schemes that were inoperative or partially inoperative due to dirty contacts, coils, associated wiring, or other components. Relays that were found to be inaccurate or inoperative were recalibrated or in some cases replaced if the physical condition</p>	<p>Any deficiencies identified were either rectified at the time of discovery or as soon as replacement parts were available. The problems that were identified and corrected helped to ensure the safety of our system, reduce outages to customers, and prevent possible damage to other power system equipment.</p>	12/31/2009	<p>Problems that affect reliability or safety are addressed at the time maintenance is performed. Other conditions are noted for reference in the normal course of business. Dates are recorded in the Protection and Control Information System (PCIS) Database.</p>	

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9.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
maintenance program are to prevent misoperation or failures of station equipment; minimize customer outages; minimize maintenance call-outs and maximize the life of station equipment.		warranted. Relay schemes that failed to operate as designed due to component failure were restored to full functionality through a number of means including the cleaning of contacts, the adjustment of components, and the replacement of failed parts.				

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9.c. 4901:1-10-26 (B)(3)(ii)(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
<p>T - Right-of-Way Vegetation Control</p> <p>GOAL - The intent of right of way maintenance is to minimize line outages and/or safety hazards caused by vegetation growing too near energized conductors. Trees, shrubs and vines that have the potential to grow or fall into transmission lines must be removed or their growth contained.</p>	T					

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9.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
<p>T - Station Inspections</p> <p>GOAL - The goals are to (1) prevent unplanned outages or failures and/or safety hazards by identifying and correcting problems during scheduled inspections and (2) reduce customer outages and associated call-outs for station problems by detecting problems and correcting them in a timely manner.</p>	TS	<p>The replacement of burned out control panel and equipment lights are accomplished during the inspection. Also, station batteries are inspected for corroded terminals and any abnormal cells. Terminals are cleaned and any abnormalities are reported into the tablet computers. Battery ground lights are checked which could indicate a possible ground in the DC system, and the overall battery voltage and battery charger voltage and current are taken and recorded, with the</p>	<p>Typically many of the minor items discovered as part of the Station Inspection Program can be and are remedied during the inspection. The level of resources required and the severity of the findings determine the scheduling and response if the situation cannot be dealt with during the time of the inspection.</p>	12/31/2009	None required.	

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9.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
		battery charger output voltage adjusted as necessary during the inspection. Control house heaters, air conditioning units or heat pumps are checked to ensure these devices are operating properly. Station grounds are inspected with special attention to the fence and gates to ensure the station is secure. Any problems with the fence or gate are repaired. If permanent repairs cannot be completed at this time it is noted in the tablet computers and temporary repairs				

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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
		are made. During the inspection personnel inspect the yards, structures and equipment for broken insulators, bird nests and other yard debris.				

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9.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
<p>T - Transformers</p> <p>GOAL - The goals of this program are to (1) prevent unplanned outages or failures by identifying and correcting problems during scheduled inspections; (2) reduce safety hazards, customer outages and associated call-outs for transformer problems by replacing limited lifetime components in a timely manner; and (3) utilize best practices and technology to achieve</p>	TS	<p>Of the maintenance performed on substation transformers during 2009, typical problems discovered are summarized as follows - bushings that exhibited elevated power factor test results, surge arresters that were found deteriorated by test, minor oil leaks, cooling system debris, temperature gauge problems, Load Tap Changer (LTC) contact wear, minor gas system leaks, and Load Tap Changer (LTC) filtration unit problems.</p>	<p>Typical remediation for bushings that exhibited elevated power factor readings would be an accelerated testing schedule or a scheduled replacement. Surge arresters found deteriorated based on test results are addressed by an accelerated testing schedule or a scheduled replacement. Typically, most minor oil leaks and minor gas system leaks are addressed in as much as practical on site during preventive maintenance; however, leaks that cannot be easily repaired would be</p>	12/31/2009	<p>Problems that affect reliability or safety are addressed at the time maintenance is performed. Other conditions are noted for reference in the normal course of business. Dates are recorded in the Integrated Station Inspection System (ISIS) Database.</p>	

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9.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
optimum loading of all transformers.			scheduled for repair based on the severity of the condition and the level of resources required. Load Tap Changer contacts exhibiting excessive wear are generally replaced during the LTC inspection process and LTC filtration units are maintained as conditions warrant. Debris in transformer cooling systems (radiators) are typically removed when found, however, transformers with coolers instead of radiators require high-pressure washing which must be			

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9.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
			scheduled. Defective gauges found are either recalibrated or scheduled for replacement in the normal course of business.			

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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
<p>T - Voltage Regulators</p> <p>GOAL - The goals are to (1) prevent unplanned outages or failures by identifying and correcting problems during scheduled inspections and (2) reduce safety hazards, customer outages and associated call-outs for voltage regulator problems by replacing limited lifetime components in a timely manner.</p>	TS	<p>Typical problems discovered are loose connections, control cabinet problems, or control problems associated with an excessive number of tap changer operations. These problems when found are either resolved at that time or subsequently scheduled for repair or replacement of the voltage regulator.</p>	<p>Typical problems discovered are loose connections, control cabinet problems, or control problems associated with an excessive number of tap changer operations. These problems when found are either resolved at that time or subsequently scheduled for repair or replacement of the voltage regulator.</p>	12/31/2009	None required.	

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9.d. 4901:1-10-26 (B)(3)(f) Current year goals

1.	2.	3.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals
DS	D - Capacitor Banks	Since capacitor banks are comprised of sealed units, with essentially no moving parts, minimal maintenance is required. Any maintenance that is required is normally scheduled to coincide with station breaker maintenance.
D	D - Circuit and Line Inspections	167 circuits; (2010 projection = 173 circuits)
DS	D - Circuit Breakers and Reclosers	2010 Goal = 33 external inspections and maintenance; 2010 Goal = 179 internal inspections and maintenance.
D	D - Conductors (Underground Cable Rejuvenation)	2 miles (2010 projection = 0 miles). This program has been stopped.
D	D - Conductors (Overhead Conductor Replacement)	5 miles (2010 projection = 6 miles)

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9.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	D - Conductors (Underground Cable Replacement)	6 miles (20109 projection = 3.5 miles)
D	D - Line Capacitors	1814 banks, 2896 inspections (2010 projection = 1784 banks, inspections 2878)
D	D - Line Electronic Reclosers (Inspections)	622 reclosers, 1184 inspections (2010 projection = 589 reclosers, 1178 inspections)
D	D - Line NonElectronic Reclosers (Inspections)	4908 reclosers (2010 projection = 4983 reclosers)
D	D - Line Reclosers (Maintenance)	365 reclosers; (2010 projection = 447 reclosers)
D	D - Line Reclosers (New Vacuum Replacements)	41 reclosers; (2010 projection = 35 reclosers)

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9.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	D - Network System (Vaults)	83 vaults; (2010 projection = 83 vaults)
D	D - Network System (Manholes)	88 manholes; (2010 projection = 89 manholes)
D	D - Network System (Protectors)	75 network protectors; (2010 projection = 75 protectors)
D	D - Network System (Transformers)	Oil Analysis: 87 network transformers (2010 projection = 89 transformers); Structural Integrity Inspections: 126 network transformers; (2010 projections = 129 transformers)
D	D - Poles (Inspection)	28,000 poles; (2010 projection = 41,000 poles)
D	D - Poles (Reinforcement)	220 poles; (2010 projection = 400 poles)
D	D - Poles (Replacement)	900 poles; (2010 projection = 1,100 poles)

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9.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	D - Poles (Treatment)	4,760 poles; (2010 projection = 6,150 poles)
D	D - Primary and Secondary Enclosures	5,000 transformers; (2010 projection = 5,900 structures)
DS	D - Protection and Control	2010 Goal = 556 D - discrete relay calibrations; 2010 Goal = 2482 D - functional trip tests on relay trip paths.
D	D - Right-of-Way Vegetation Control	In 2009, 2,950 miles were planned. The goal for 2010 is 4,020 miles. It should be noted that the line mileage reported between consecutive years may change markedly due to the variations in the density of vegetation within the right-of-way, depending on the geographic location of the lines being addressed.
DS	D - Station Inspections	2010 Goal = Inspect 353 distribution stations on a monthly basis.

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9.d. 4901:1-10-26 (B)(3)(i) Current year goals

1.	2.	3.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals
DS	D - Transformers	2010 Goal = 57 minor external inspections and maintenance; 2010 Goal = 0 major internal inspections and maintenance.
DS	D - Voltage Regulators	Based on experience and results of previous monthly station inspections, no distribution station feeder or bus regulator maintenance was planned in 2010 for OPCO voltage regulators. Data from monthly station inspection programs is continually monitored a
TS	T - Capacitor Banks	Since capacitor banks are comprised of sealed units, with essentially no moving parts, minimal maintenance is required. Any maintenance that is required is normally scheduled to coincide with station breaker maintenance.
TS	T - Circuit Breakers and Reclosers	2010 Goal = 125 external inspections and maintenance; 2010 Goal = 74 Internal inspections and maintenance.
T	T - Line Inspections	2010 Goal = Inspect 100% of OPCO transmission lines.

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9.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	T - Line Maintenance	The 2010 goal is to schedule and perform transmission line maintenance, as necessary, based on issues identified during inspections.
TS	T - Protection and Control	2010 Goal = 1249 T - discrete relay calibrations; 2010 Goal = 4425 T - functional trip tests on relay trip paths.
T	T - Right-of-Way Vegetation Control	2010 Goal = maintain 824.0 miles of transmission line right-of-way.
TS	T - Station Inspections	2010 Goal = inspect 187 transmission stations on a monthly basis.
TS	T - Transformers	2010 Goal = 37 minor external inspections and maintenance; 2010 Goal = 0 major internal inspections and maintenance.

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9.d. 4801:1-10-26 (B)(3)(f) Current year goals

1.	2.	3.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals
TS	T - Voltage Regulators	Based on experience and results of previous monthly station inspections, no transmission station feeder or bus regulator maintenance was planned in 2010 for OPCO voltage regulators. Data from monthly station inspection programs is continually monitored and evaluated. If necessary, regulator maintenance will be performed as equipment conditions warrant.

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

a.	b.	c.
Transmission or Distribution ("T" or "D")	Program or plan name	Program Description
D	Distribution Load Forecast and Capacity Review Process	The actual and projected thermal demands based on projected load growth and anticipated new loads are evaluated for substation equipment and circuit main feeders each year following the summer peak season. This is the "Load Forecast Process". Overloads and projected overloads identified are further analyzed during the "Capacity Review Process" to see if simple remedies such as load balancing, power factor correction, load transfers, etc. can be done or if more involved improvement plans need to be developed. If overloads are anticipated to occur within the next peak load cycle, short-term remedies are implemented or contingency plans are prepared in the event that loading would reach certain levels. In addition, long-term improvement plans are developed for consideration in the next budgeting cycle.
T	Transmission Planning process	The planning process, as carried out in the eastern AEP area, provides the focus for establishing an appropriate level of system reliability. The planning process includes seasonal assessments of system performance near term facility addition studies and long term strategic planning. The planning process typically begins with a deterministic appraisal of transmission system performance. When such appraisals identify potential problems, detailed studies are conducted to evaluate the severity of the problem and to develop an optimal plan to remove or mitigate the deficiency. The projects listed in Tables 1 and 3 are the network reinforcements for the transmission systems of OP for the next few years.

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

Program Name = Transmission Planning process

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
T		01/31/2003	TP-2003-056 - The plan involves conversion of the 34.5 kV subtransmission system between Millersburg and West Dover to 69 kV operation, alleviating overloads and low voltage conditions, and replacing deteriorated facilities. The project is complete.	05/01/2009	N/A	05/01/2009
T		03/28/2006	TP-2006-035 - The plan includes the installation of 345/138 kV transformation at the Don Marquis Station, along with other station and line upgrades. The improvements will alleviate contingency overloads affecting the 138 kV system in the southern Ohio area.	11/01/2010	None	

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

Program Name = Transmission Planning process

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
T		11/21/2006	TP-2006-122 - The plan involves conversion of the 34.5 kV subtransmission system between Newcomerstown and Cambridge to 69 kV operation (completed during 2009), alleviating overloads and low voltage conditions, and replacing deteriorated facilities. Additional improvements are scheduled for 2010-2012.	12/01/2012	Portions of the improvement project are underway and will be completed on an ongoing basis.	
T		01/01/2007	TP-2007-073 - This project involves 69 kV reinforcements to alleviate overloads and low voltage conditions. Additional switching enhancements will also improve outage performance.	12/31/2013	Portions of the improvement project are underway and will be completed on an ongoing basis.	
T		09/01/2007	TP-2007-115 - This project involves rebuilding and reconductoring about 4 miles of 69 kV line.	12/01/2010	None	

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

Program Name = Transmission Planning process

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
T		09/01/2007	TP-2007-134 - This project involves rebuilding and reconductoring about 4 miles of 69 kV line. The project is complete.	06/01/2010	N/A	06/18/2009

Notes

Column b: See Column d for project descriptions.

**American Electric Power
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12. 4901:1-10-26 (B)(3)(g)(I) Programs Deleted

a.	b.	c.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Deleted program name	Explanation for elimination of program

**American Electric Power
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13. 4901:1-10-26 (B)(g)(g)(ii) Programs modified

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

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

a.	b.	c.	d.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Added program name	Explanation of additional program's purpose	Expected goals for additional program

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

a.	b.	c.	d.	e.
Type of system	Number of planned interruptions	Duration of planned interruptions (in minutes)	Number of unplanned interruptions	Duration of unplanned interruptions (in minutes)
D	6,677	5,319,856	13,976	60,533,608
T	3	609	18	5,583

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

	a.
Type of system	Sampling of voltage measurements for the reporting period
D	Distribution station buses or circuits are typically regulated to maintain 125 volts. Therefore, voltage charts for these sources would show minimal voltage variations.
T	Typically transmission system voltages range between 95-105% of nominal. On occasion, system voltages may fall outside of these ranges for short periods of time. In general, load tap changers (LTCs) or regulators are installed at transmission/distribution substations to maintain voltages at desirable levels.

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16. 4901:1-10-26 (B)(5) 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
02/12/2009	6:46:00AM	Industrial Customer	Consolidated Coal	D	5007/7500701	Customer Equipment
01/01/2009	4:07:00PM	Electric Cooperative	Mid-Ohio	D	2043/7204301	Other Utility
01/01/2009	4:07:00PM	Electric Cooperative	Mid-Ohio	D	2043/7204302	Other Utility
01/01/2009	4:07:00PM	Electric Cooperative	Mid-Ohio	D	2043/7204303	Other Utility
09/26/2009	9:48:00AM	Electric Cooperative	Buckeye Rural Electric Cooperative	D	4116/7411602	Other Utility
06/08/2009	2:25:00PM	Electric Cooperative	Adams Rural	D	4237/7423701	Other Utility
05/19/2009	4:32:00PM	Industrial Customer	PPG	T		Customer Equipment

**American Electric Power
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16. 4901:1-10-26 (B)(5) 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
09/28/2009	12:33:00AM	Industrial Customer	COLFOR	T		Customer Equipment
08/25/2009	10:36:00PM	Industrial Customer	Stuebenville Pumping	T		Customer Equipment
08/14/2009	11:14:00AM	Industrial Customer	Luntz Corp	T		Customer Equipment
06/16/2009	1:25:00PM	Industrial Customer	SCP	T		Customer Equipment
10/20/2009	4:07:00AM	Electric Distribution Utility	First Energy	T		Other Utility
10/01/2009	4:48:00AM	Electric Distribution Utility	First Energy	T		Other Utility

**American Electric Power
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16. 4901:1-10-26 (B)(5) 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
03/04/2009	8:33:00PM	Electric Distribution Utility	APS	T		Other Utility

ESSS Rule 26 (B)(1)(e)

Reporting Period

Company Name

Begin Date

Regulatory Filing ID
(FERC Docket)

NERC Violation ID

Reliability Standard
Violated

Note: AEP did not have any NERC violations to report in 2009.

[illegible][illegible]

ESSS Rule 26 (B)(1)(e)

Top Ten Congested Facilities	Company Name	Reporting Period	Congested Facilities
		Begin Date	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

ESSS Rule 26 (B)(1)(e)**Reporting Period****Company Name****Begin Date****Flowgate or
Origin/Terminus****TLR Date****TLR Start****TLR End****Highest TLR
Level****Firm Load Interrupted
(Y/N)****Note: AEP did not have any TLR's to report in 2009.**

ESSS Rule 26 (B)(1)(e)

Reporting Period		
Company Name	Begin Date	Description of the relationship between Annual System Improvement and Plan TRO Transmission Expansion Plan
KPCo	1/1/09 12:00 AM	\$993,424.3

Company	Reporting Period	PERC	PERC SUB-ACCOUNT	PERC SUB-ACCOUNT TITLE	FUNCTD	FUNCTD CODE TITLE	Post Year's Budget	Post Year's Actual	% Variance	Message #	Current Year's Budget
	Start Date	ACCTGCT	Amount This								
Ohio Power Company	1/1/2000	560	560 Operation Supr Eng-Trans	5600000	Oper Supervision & Engineering	(n/a)	Eng Trans Ops Encl Trans Pool	N/A	\$0,000,000	N/A	n/a
Ohio Power Company	1/1/2000	561	561 Lead Dispatching	5610000	Lead Dispatching	(n/a)	Eng Trans Ops Encl Trans Pool	N/A	\$11,832	N/A	n/a
Ohio Power Company	1/1/2000	561	561 Lead Dispatching	5611000	Load Dispatch - Reliability	(n/a)	Eng Trans Ops Encl Trans Pool	N/A	\$4,901	N/A	n/a
Ohio Power Company	1/1/2000	561	561 Lead Dispatching	5612000	Lead Dispatch-Mktg/Ops Transmiss	(n/a)	Eng Trans Ops Encl Trans Pool	N/A	\$2,012	N/A	n/a
Ohio Power Company	1/1/2000	561	561 Lead Dispatching	5613000	Lead Dispatch-Trans Reliability	(n/a)	Eng Trans Ops Encl Trans Pool	N/A	\$4,919,821	N/A	n/a
Ohio Power Company	1/1/2000	562	562 Lead Dispatching	5620000	Reliability, Planning, Develop	(n/a)	Eng Trans Ops Encl Trans Pool	N/A	\$255,861	N/A	n/a
Ohio Power Company	1/1/2000	581	581 Station Expenses - Normal	5800001	Station Expenses - Normal	(n/a)	Eng Trans Ops Encl Trans Pool	N/A	\$7,010,004	N/A	n/a
Ohio Power Company	1/1/2000	582	582 Station Expenses - Associated	5800002	Station Expenses - Associated	(n/a)	Eng Trans Ops Encl Trans Pool	N/A	\$14,463	N/A	n/a
Ohio Power Company	1/1/2000	583	583 Overhead Line Exp-Trans	5830000	Overhead Line Expenses	(n/a)	Eng Trans Ops Encl Trans Pool	N/A	\$337,400	N/A	n/a
Ohio Power Company	1/1/2000	583	583 Overhead Line Exp-Trans	5830001	Overhead Line Exp - Attended	(n/a)	Eng Trans Ops Encl Trans Pool	N/A	\$28,704	N/A	n/a
Ohio Power Company	1/1/2000	584	584 Underground Line Exp	5840000	Underground Line Expenses	(n/a)	Eng Trans Ops Encl Trans Pool	N/A	\$0	N/A	n/a
Ohio Power Company	1/1/2000	586	586 Misc Transmission Exp	5860000	Misc Transmission Expenses	(n/a)	Eng Trans Ops Encl Trans Pool	N/A	\$3,008,000	N/A	n/a
Ohio Power Company	1/1/2000	586	586 Misc Transmission Exp	5860005	Ohio I-TCR Road Unavailability	(n/a)	Eng Trans Ops Encl Trans Pool	N/A	\$2,351,780	N/A	n/a
Ohio Power Company	1/1/2000	588	588 Misc Transmission Exp	5880000	R King Trans Center Exp - AMT	(n/a)	Eng Trans Ops Encl Trans Pool	N/A	\$0	N/A	n/a
Ohio Power Company	1/1/2000	587	587 Radio-Transmission Exp	5870000	Radio - Miscellaneous	(n/a)	Eng Trans Ops Encl Trans Pool	N/A	\$10,821	N/A	n/a
Ohio Power Company	1/1/2000	587	587 Radio-Transmission Exp	5870002	Radio - Associated	(n/a)	Eng Trans Ops Encl Trans Pool	N/A	\$96,554	N/A	n/a
					SubTotal		Eng Trans Ops Encl Trans Pool	\$20,809,410	\$34,701,908	(\$1,107,700)	-26.4%
Ohio Power Company	1/1/2000	589	589 Maint Supr Eng-Trans	5890000	Maint Supr & Engineering	(n/a)	Electricity Transmission Maint	N/A	\$312,460	N/A	n/a
Ohio Power Company	1/1/2000	589	589 Maint Of Structures-Trans	5890001	Maintenance of Structures	(n/a)	Electricity Transmission Maint	N/A	\$119,148	N/A	n/a
Ohio Power Company	1/1/2000	589	589 Maint Of Structures-Trans	5890002	Maint of Computer Hardware	(n/a)	Electricity Transmission Maint	N/A	\$0	N/A	n/a
Ohio Power Company	1/1/2000	589	589 Maint Of Structures-Trans	5890003	Maint of Computer Software	(n/a)	Electricity Transmission Maint	N/A	\$135,947	N/A	n/a
Ohio Power Company	1/1/2000	589	589 Maint Of Structures-Trans	5890004	Maint of Communication Equipment	(n/a)	Electricity Transmission Maint	N/A	\$530,875	N/A	n/a
Ohio Power Company	1/1/2000	570	570 Maint Of Site Equip-Trans	5700000	Maint of Station Equipment	(n/a)	Electricity Transmission Maint	N/A	\$4,200,000	N/A	n/a
Ohio Power Company	1/1/2000	571	571 Maint Of Overhead Line-Trans	5710000	Maintenance of Overhead Lines	(n/a)	Electricity Transmission Maint	N/A	\$7,011,048	N/A	n/a
Ohio Power Company	1/1/2000	572	572 Maint Of Underground Line-Trans	5720000	Maint of Underground Lines	(n/a)	Electricity Transmission Maint	N/A	\$480	N/A	n/a
Ohio Power Company	1/1/2000	573	573 Maint Of Misc Trans-Trans	5730000	Maint of Misc Transmission Exp	(n/a)	Electricity Transmission Maint	N/A	\$13	N/A	n/a

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to Power Company	1/1/2008	580	580 Oper Supr Engr-Dist	5800000	Oper Supervision & Engineering	(n/a)	Electricity Transmission Maint	\$14,299,789	\$14,914,185	\$214,392	1.5%	\$14,325,229	(no Explanation Required (if threshold not met))
to Power Company	1/1/2008	581	581 Load Dispatching	5810000	Load Dispatching	(n/a)	Electricity Distribution Ops	N/A	N/A	N/A	(n/a)	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHRO does not manage Operations by FERC Account
to Power Company	1/1/2008	582	582 Station Expenses-Dist	5820000	Station Expenses	(n/a)	Electricity Distribution Ops	N/A	N/A	N/A	(n/a)	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHRO does not manage Operations by FERC Account
to Power Company	1/1/2008	583	583 Overhead Line Exp-Dist	5830000	Overhead Line Expenses	(n/a)	Electricity Distribution Ops	N/A	N/A	N/A	(n/a)	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHRO does not manage Operations by FERC Account
to Power Company	1/1/2008	584	584 Undergrd Line Exp-Dist	5840000	Underground Line Expenses	(n/a)	Electricity Distribution Ops	N/A	N/A	N/A	(n/a)	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHRO does not manage Operations by FERC Account
to Power Company	1/1/2008	585	585 Street Lig Signal System	5850000	Street Lighting & Signal Sys E	(n/a)	Electricity Distribution Ops	N/A	N/A	N/A	(n/a)	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHRO does not manage Operations by FERC Account
to Power Company	1/1/2008	586	586 Meter Expenses	5860000	Meter Expenses	(n/a)	Electricity Distribution Ops	N/A	N/A	N/A	(n/a)	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHRO does not manage Operations by FERC Account
to Power Company	1/1/2008	587	587 Cust Intnltn Exp	5870000	Customer Intelltns Exp	(n/a)	Electricity Distribution Ops	N/A	N/A	N/A	(n/a)	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHRO does not manage Operations by FERC Account
to Power Company	1/1/2008	588	588 Misc Distribution Exp	5880000	Miscellaneous Distribution Exp	(n/a)	Electricity Distribution Ops	N/A	N/A	N/A	(n/a)	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHRO does not manage Operations by FERC Account
to Power Company	1/1/2008	589	589 Parts-Distribution Exp	5890000	Parts - Miscellaneous	(n/a)	Electricity Distribution Ops	N/A	N/A	N/A	(n/a)	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHRO does not manage Operations by FERC Account
to Power Company	1/1/2008	589	589 Parts-Distribution Exp	5890000	Parts - Miscellaneous	(n/a)	Electricity Distribution Ops	N/A	N/A	N/A	(n/a)	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHRO does not manage Operations by FERC Account
SubTotal Electricity Distribution Ops								\$25,248,461	\$25,495,219	\$236,758	0.9%	\$22,972,654	(no Explanation Required (if threshold not met))
to Power Company	1/1/2008	590	590 Maint Supr Engr-Dist	5900000	Maint Supr & Engineering	(n/a)	Electricity Distribution Maint	N/A	N/A	N/A	(n/a)	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHRO does not manage Operations by FERC Account
to Power Company	1/1/2008	591	591 Maint Of Structures-Dist	5910000	Maintenance of Structures	(n/a)	Electricity Distribution Maint	N/A	N/A	N/A	(n/a)	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHRO does not manage Operations by FERC Account
to Power Company	1/1/2008	592	592 Maint Of Str Equip-Dist	5920000	Maint of Station Equipment	(n/a)	Electricity Distribution Maint	N/A	N/A	N/A	(n/a)	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHRO does not manage Operations by FERC Account
to Power Company	1/1/2008	593	593 Maint Of Overhd Lines-Dist	5930000	Maintenance of Overhead Lines	(n/a)	Electricity Distribution Maint	N/A	N/A	N/A	(n/a)	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHRO does not manage Operations by FERC Account
to Power Company	1/1/2008	593	593 Maint Of Overhd Lines-Dist	5930000	Maintenance of Overhead Lines	(n/a)	Electricity Distribution Maint	N/A	N/A	N/A	(n/a)	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHRO does not manage Operations by FERC Account
to Power Company	1/1/2008	593	593 Savings Offset	5930000	ESPP-Offset Maint Off-Lines	(n/a)	Electricity Distribution Maint	N/A	N/A	N/A	(n/a)	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHRO does not manage Operations by FERC Account
to Power Company	1/1/2008	594	594 Maint Of Undergrd Lines-Dist	5940000	Maint of Underground Lines	(n/a)	Electricity Distribution Maint	N/A	N/A	N/A	(n/a)	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHRO does not manage Operations by FERC Account
to Power Company	1/1/2008	595	595 Maint Of Line Transformers	5950000	Maint of Line Trnsf,RelatedDvl	(n/a)	Electricity Distribution Maint	N/A	N/A	N/A	(n/a)	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHRO does not manage Operations by FERC Account
to Power Company	1/1/2008	596	596 Maint Of Street Lig	5960000	Maint of Strt Lighting & Signal E	(n/a)	Electricity Distribution Maint	N/A	N/A	N/A	(n/a)	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHRO does not manage Operations by FERC Account
to Power Company	1/1/2008	597	597 Maintenance Of Meters	5970000	Maintenance of Meters	(n/a)	Electricity Distribution Maint	N/A	N/A	N/A	(n/a)	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHRO does not manage Operations by FERC Account
to Power Company	1/1/2008	598	598 Maint Of Misc Dist Maint	5980000	Maint of Misc Distribution PM	(n/a)	Electricity Distribution Maint	N/A	N/A	N/A	(n/a)	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHRO does not manage Operations by FERC Account
SubTotal Electricity Distribution Maint								\$45,108,918	\$45,028,508	\$18,928,980	24.2%	\$36,279,621	Primary variance drivers: Higher meter more expense (\$9.7M), Higher Capital Stand Alone Project work (\$3.9M)
Total Ohio Power Company								\$105,884,889	\$110,938,914	\$5,278,686	5.0%	\$107,664,886	

Company	Reporting Period	BSND	ACCOUNT	Account YTD	FISCAL YEAR	FISCAL SUB-ACCOUNT	FISCAL CODE	FISCAL CODE	BSND Year's Budget	BSND Year's Actual	% Variance	Current Year's Budget	Current Year's Actual	% Variance	Comments
Columbia Gas System Fee	1/1/00	1/1/00							\$61,431,100	\$7,314,100	-11.3%	\$61,431,100	\$7,314,100	-11.3%	No Explanation Required (% threshold not met)
Columbia Gas System Fee	1/1/00	1/1/00							\$61,431,100	\$7,314,100	-11.3%	\$61,431,100	\$7,314,100	-11.3%	No Explanation Required (% threshold not met)
Ohio Power Company	1/1/00	1/1/00							\$63,433,000	\$1,200,200	-1.9%	\$63,433,000	\$1,200,200	-1.9%	No Explanation Required (% threshold not met)
Ohio Power Company	1/1/00	1/1/00							\$63,433,000	\$1,200,200	-1.9%	\$63,433,000	\$1,200,200	-1.9%	No Explanation Required (% threshold not met)

P OHIO RULE 26 TA D FERC FUNCTIONAL ACCOUNT SUMMARY

O&M															Current Year's Actual	Comments
Agency	Reporting Period	FERC ACCOUNT	Account Title	FERC SUB-ACCOUNT	FERC SUB-ACCOUNT TITLE	FUNCTION CODE	FUNCTION CODE TITLE	Post Year's Budget	Post year's Actual	\$ Variance	Variance %	Current Year's Budget	Current Year's Actual	\$ Variance	Comments	
Amibus Southern Power	1/1/2009	580	580 Operation Supr Engr-Trans	5800000	Oper Supervision & Engineering	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$1,004,982	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	581	581 Load Dispatching	5810000	Load Dispatching	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$4,034	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	581	581 Load Dispatching	5810000	Load Dispatch - Reliability	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$18,788	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	581	581 Load Dispatching	5810000	Load Dispatch-IntrodCp TransSys	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$1,295,087	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	581	581 Load Dispatching	5810000	Load Dispatch-Trans Svcs/Sched	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$2,571	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	581	581 Load Dispatching	5810000	Reliability, Prog/Side Develop	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$11,148	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	582	582 Station Expenses-Trans	5820001	Station Expenses - Maintenance	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$459,618	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	583	583 Overhead Line Exp-Trans	5830000	Overhead Line Expenses	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$9,943	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	583	583 Overhead Line Exp-Trans	5830001	Overhead Line Exp - Affiliated	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$1,022	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	584	584 Underground Line Exp-Trans	5840000	Underground Line Expenses	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$510	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	585	585 Misc Transmission Exp	5850000	Misc Transmission Expenses	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$1,390,945	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	586	586 Misc Transmission Exp	5860005	Ohio E-TCR River UnderRecovery	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	N/A	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	587	587 Rents-Transmission Exp	5870001	Rents - Nonassociated	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$20,210	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	587	587 Rents-Transmission Exp	5870002	Rents - Associated	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$16,313	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
					SubTotal		Elec Trans Ops Ext Trans Post	\$4,705,880	\$4,333,085	(\$452,795)	-9.5%	\$4,202,700			No Explanation Required (% threshold not met)	
Amibus Southern Power	1/1/2009	588	588 Maint Supr Engr-Trans	5880000	Maint Supr & Engineering	(7)(6)	Electricity Transmission Maint	N/A	\$99,420	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	589	589 Maint Of Structures-Trans	5890000	Maintenance of Structures	(7)(6)	Electricity Transmission Maint	N/A	\$74,888	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	589	589 Maint Of Structures-Trans	5890000	Maint of Computer Hardware	(7)(6)	Electricity Transmission Maint	N/A	\$67,588	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	589	589 Maint Of Structures-Trans	5890000	Maint of Computer Software	(7)(6)	Electricity Transmission Maint	N/A	\$393,403	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	589	589 Maint Of Structures-Trans	5890000	Maint of Communication Equip	(7)(6)	Electricity Transmission Maint	N/A	\$284,000	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	570	570 Maint Of Stn Equip-Trans	5700000	Maint of Station Equipment	(7)(6)	Electricity Transmission Maint	N/A	\$2,102,632	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	571	571 Maint Of Overhd Lines-Trans	5710000	Maintenance of Overhead Lines	(7)(6)	Electricity Transmission Maint	N/A	\$2,747,589	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	572	572 Maint Of Underg Lines-Trans	5720000	Maint of Underground Lines	(7)(6)	Electricity Transmission Maint	N/A	\$610,073	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	573	573 Maint Of Misc Trans Plant	5730000	Maint of Misc Transmission Plt	(7)(6)	Electricity Transmission Maint	N/A	\$84	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
					SubTotal		Electricity Transmission Maint	\$3,862,683	\$8,315,730	\$2,453,047	63.5%	\$3,864,475			Primary variance drivers: Higher Reliability Improvement Program Work (\$2.3M)	
Amibus Southern Power	1/1/2009	590	590 Oper Supr Engr-Dist	5900000	Oper Supervision & Engineering	(7)(6)	Electricity Distribution Ops	N/A	\$8,256,385	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	591	591 Load Dispatching	5910000	Load Dispatching	(7)(6)	Electricity Distribution Ops	N/A	\$10,174	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	592	592 Station Expenses-Dist	5920000	Station Expenses	(7)(6)	Electricity Distribution Ops	N/A	\$890,755	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	593	593 Overhd Line Exp-Dist	5930000	Overhead Line Expenses	(7)(6)	Electricity Distribution Ops	N/A	\$1,334,671	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	594	594 Underg Line Exp-Dist	5940000	Underground Line Expenses	(7)(6)	Electricity Distribution Ops	N/A	\$2,837,963	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	595	595 Street Lig Signal System	5950000	Street Lighting & Signal Sys E	(7)(6)	Electricity Distribution Ops	N/A	\$80,471	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	596	596 Meter Expenses	5960000	Meter Expenses	(7)(6)	Electricity Distribution Ops	N/A	\$1,438,274	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	597	597 Cost Input Expenses	5970000	Customer Installation Expenses	(7)(6)	Electricity Distribution Ops	N/A	\$21,308	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	598	598 Misc Distribution Exp	5980000	Miscellaneous Distribution Exp	(7)(6)	Electricity Distribution Ops	N/A	\$162,211,580	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	598	598 Misc Distribution Exp	5980004	gSMART-Dist Misc Dist Exp	(7)(6)	Electricity Distribution Ops	N/A	\$2,785,738	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	599	599 Rents-Distribution Exp	5990001	Rents - Nonassociated	(7)(6)	Electricity Distribution Ops	N/A	\$1,993,400	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	599	599 Rents-Distribution Exp	5990002	Rents - Associated	(7)(6)	Electricity Distribution Ops	N/A	\$130,728	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
					SubTotal		Electricity Distribution Ops	\$20,710,241	\$26,702,461	\$7,992,220	38.6%	\$12,645,283			Primary variance drivers: Higher Asset Improvement Work (\$2.2M), Higher Administrative & General Expense (\$3.1M), NI	
Amibus Southern Power	1/1/2009	599	599 Maint Supr Engr-Dist	5990000	Maint Supr & Engineering	(7)(6)	Electricity Distribution Maint	N/A	\$487,691	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	591	591 Maint Of Structures-Dist	5910000	Maintenance of Structures	(7)(6)	Electricity Distribution Maint	N/A	\$247,363	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	592	592 Maint Of Stn Equip-Dist	5920000	Maint of Station Equipment	(7)(6)	Electricity Distribution Maint	N/A	\$2,341,924	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	593	593 Maint Of Overhd Lines-Dist	5930000	Maintenance of Overhead Lines	(7)(6)	Electricity Distribution Maint	N/A	\$37,222,001	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	594	594 Earnings Office	5940000	ESRP-Dist Maint Oth Lines	(7)(6)	Electricity Distribution Maint	N/A	\$12,061,213	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	594	594 Maint Of Underg Lines-Dist	5940000	Maint of Underground Lines	(7)(6)	Electricity Distribution Maint	N/A	\$2,224,918	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	595	595 Maint Of Line Exp-Dist	5950000	Maint of Line Trnsf, Regulated Oth	(7)(6)	Electricity Distribution Maint	N/A	\$452,107	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	596	596 Maint Of Street Lig	5960000	Maint of Stn Lighting & Signal S	(7)(6)	Electricity Distribution Maint	N/A	\$158,030	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	597	597 Maintenance Of Meters	5970000	Maintenance of Meters	(7)(6)	Electricity Distribution Maint	N/A	\$173,504	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Amibus Southern Power	1/1/2009	598	598 Maint Of Misc Dist Plant	5980000	Maint of Misc Distribution Plt	(7)(6)	Electricity Distribution Maint	N/A	\$1,782,188	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
					SubTotal		Electricity Distribution Maint	\$35,417,616	\$43,677,840	\$7,260,225	21.7%	\$41,494,983			Primary variance drivers: Higher major storm expense (\$9.6M)	
					Total		Columbus Southern Power	\$85,118,489	\$82,228,106	\$1,762,615	2.1%	\$82,274,482				

O&M															Current Year's Actual	Comments
Agency	Reporting Period	FERC ACCOUNT	Account Title	FERC SUB-ACCOUNT	FERC SUB-ACCOUNT TITLE	FUNCTION CODE	FUNCTION CODE TITLE	Post Year's Budget	Post year's Actual	\$ Variance	Variance %	Current Year's Budget	Current Year's Actual	\$ Variance	Comments	
Power Company	1/1/2009	580	580 Operation Supr Engr-Trans	5800000	Oper Supervision & Engineering	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$3,032,803	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	581	581 Load Dispatching	5810000	Load Dispatching	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$11,822	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	581	581 Load Dispatching	5810000	Load Dispatch - Reliability	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$49,821	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	581	581 Load Dispatching	5810000	Load Dispatch-IntrodCp TransSys	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$4,442,812	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	581	581 Load Dispatching	5810000	Load Dispatch-Trans Svcs/Sched	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$7,495	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	581	581 Load Dispatching	5810000	Reliability, Prog/Side Develop	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$23,600	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	582	582 Station Expenses-Trans	5820001	Station Expenses - Maintenance	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$1,010,904	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	582	582 Station Expenses-Trans	5820002	Station Expenses - Associated	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$14,498	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	583	583 Overhead Line Exp-Trans	5830000	Overhead Line Expenses	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$937,436	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	583	583 Overhead Line Exp-Trans	5830001	Overhead Line Exp - Affiliated	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$30,734	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	584	584 Underground Line Exp	5840000	Underground Line Expenses	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$0	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	585	585 Misc Transmission Exp	5850000	Misc Transmission Expenses	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$9,056,903	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	586	586 Misc Transmission Exp	5860005	Ohio E-TCR River UnderRecovery	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$2,361,739	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	586	586 Misc Transmission Exp	5860006	Rolling Train Coal Car - Exp	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$10,821	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	587	587 Rents-Transmission Exp	5870001	Rents - Nonassociated	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$65,054	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	587	587 Rents-Transmission Exp	5870002	Rents - Associated	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$6,005,510	\$14,701,905	\$8,107,705	-29.4%	\$12,438,803		Primary variance drivers: Lower Overhead Expense (\$3.0M) and lower Administrative & General Expense (\$2.4M)	
					SubTotal		Elec Trans Ops Ext Trans Post	\$20,800,610	\$14,701,905	(\$6,107,705)	-29.4%	\$12,438,803				
Power Company	1/1/2009	588	588 Maint Supr Engr-Trans	5880000	Maint Supr & Engineering	(7)(6)	Electricity Transmission Maint	N/A	\$312,400	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	589	589 Maint Of Structures-Trans	5890000	Maintenance of Structures	(7)(6)	Electricity Transmission Maint	N/A	\$110,185	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	589	589 Maint Of Structures-Trans	5890000	Maint of Computer Hardware	(7)(6)	Electricity Transmission Maint	N/A	\$224,818	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	589	589 Maint Of Structures-Trans	5890000	Maint of Computer Software	(7)(6)	Electricity Transmission Maint	N/A	\$1,138,047	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	589	589 Maint Of Structures-Trans	5890000	Maint of Communication Equip	(7)(6)	Electricity Transmission Maint	N/A	\$536,670	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	570	570 Maint Of Stn Equip-Trans	5700000	Maint of Station Equipment	(7)(6)	Electricity Transmission Maint	N/A	\$3,364,929	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	571	571 Maint Of Overhd Lines-Trans	5710000	Maintenance of Overhead Lines	(7)(6)	Electricity Transmission Maint	N/A	\$7,914,535	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	572	572 Maint Of Underg Lines-Trans	5720000	Maint of Underground Lines	(7)(6)	Electricity Transmission Maint	N/A	(\$988)	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	573	573 Maint Of Misc Trans Plant	5730000	Maint of Misc Transmission Plt	(7)(6)	Electricity Transmission Maint	N/A	(\$4)	N/A	N/A	(7)(6)			Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	

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Agency	Reporting Period		FERC ACCOUNT		FERC SUB-ACCOUNT		FUNCTION CODE		Post Year's Budget		Post year's Actual		\$ Variance	Variance %	Current Year's Budget	Current Year's Actual	Comments
	Start Date	End Date	ACCOUNT	ACCOUNT TITLE	SUB-ACCOUNT	SUB-ACCOUNT TITLE	FUNCTION CODE	FUNCTION CODE TITLE	Budget	Actual	Budget	Actual					
Power Company	1/1/2009	560	560	560 Operation Supr Engr-Trans	5600000	Oper Supervision & Engineering	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$3,032,903	N/A	N/A	N/A	N/A	(7)(6)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	561	561	561 Load Dispatching	5610000	Load Dispatching	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$1,822	N/A	N/A	N/A	N/A	(7)(6)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	561	561	561 Load Dispatching	5610000	Load Dispatch - Reliability	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$49,821	N/A	N/A	N/A	N/A	(7)(6)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	561	561	561 Load Dispatching	5612000	Load Dispatch-Mktg/Trp TransSys	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$4,442,812	N/A	N/A	N/A	N/A	(7)(6)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	561	561	561 Load Dispatching	5613000	Load Dispatch-Trans Svcs/Sched	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$17,690	N/A	N/A	N/A	N/A	(7)(6)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	561	561	561 Load Dispatching	5615000	Reliability, Prog/Side Develop	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$235,851	N/A	N/A	N/A	N/A	(7)(6)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	562	562	562 Station Expenses-Trans	5620001	Station Expenses - Maintenance	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$1,011,804	N/A	N/A	N/A	N/A	(7)(6)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	562	562	562 Station Expenses-Trans	5620002	Station Expenses - Associated	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$14,468	N/A	N/A	N/A	N/A	(7)(6)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	563	563	563 Overhead Line Exp-Trans	5630000	Overhead Line Expenses	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$337,435	N/A	N/A	N/A	N/A	(7)(6)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	563	563	563 Overhead Line Exp-Trans	5630001	Overhead Line Exp - Affiliated	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$3,307	N/A	N/A	N/A	N/A	(7)(6)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	564	564	564 Underground Line Exp-Trans	5640000	Underground Line Expenses	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	0	N/A	N/A	N/A	N/A	(7)(6)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	565	565	565 Misc Transmission Exp	5650000	Misc Transmission Expenses	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$5,066,905	N/A	N/A	N/A	N/A	(7)(6)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	566	566	566 Misc Transmission Exp	5660000	Ohio E-TCR River UnderRecovery	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$2,261,739	N/A	N/A	N/A	N/A	(7)(6)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	568	568	568 Misc Transmission Exp	5680000	Riding Train Cross Exp - AEP	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	N/A	N/A	N/A	N/A	N/A	(7)(6)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	567	567	567 Rents-Transmission Exp	5670001	Rents - Nonassociated	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$10,821	N/A	N/A	N/A	N/A	(7)(6)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	567	567	567 Rents-Transmission Exp	5670002	Rents - Associated	(7)(6)	Elec Trans Ops Ext Trans Post	N/A	\$65,554	N/A	N/A	N/A	N/A	(7)(6)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
						SubTotal		Elec Trans Ops Ext Trans Post	\$20,800,610	\$14,701,005	(\$6,107,705)	-29.4%	\$12,438,903			Primary variance drivers: Lower Overhead Expense (\$3.0M) and lower Administrative & General Expense (\$2.4M)	
Power Company	1/1/2009	568	568	568 Maint Supr Engr-Trans	5680000	Maint Supr & Engineering	(7)(6)	Electricity Transmission Maint	N/A	\$312,430	N/A	N/A	N/A	N/A	(7)(6)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	569	569	569 Maint Of Structures-Trans	5690000	Maintenance of Structures	(7)(6)	Electricity Transmission Maint	N/A	\$110,185	N/A	N/A	N/A	N/A	(7)(6)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	569	569	569 Maint Of Structures-Trans	5690000	Maint of Computer Hardware	(7)(6)	Electricity Transmission Maint	N/A	\$221,618	N/A	N/A	N/A	N/A	(7)(6)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	569	569	569 Maint Of Structures-Trans	5690000	Maint of Computer Software	(7)(6)	Electricity Transmission Maint	N/A	\$1,385,947	N/A	N/A	N/A	N/A	(7)(6)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	569	569	569 Maint Of Structures-Trans	5690000	Maint of Communication Equip	(7)(6)	Electricity Transmission Maint	N/A	\$535,670	N/A	N/A	N/A	N/A	(7)(6)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	570	570	570 Maint Of Stn Equip-Trans	5700000	Maint of Station Equipment	(7)(6)	Electricity Transmission Maint	N/A	\$4,393,828	N/A	N/A	N/A	N/A	(7)(6)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	571	571	571 Maint Of Overhead Lines-Trans	5710000	Maintenance of Overhead Lines	(7)(6)	Electricity Transmission Maint	N/A	\$7,914,405	N/A	N/A	N/A	N/A	(7)(6)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	572	572	572 Maint Of Underground Lines-Trans	5720000	Maint of Underground Lines	(7)(6)	Electricity Transmission Maint	N/A	\$5,658	N/A	N/A	N/A	N/A	(7)(6)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	
Power Company	1/1/2009	573	573	573 Maint Of Misc Trans Plant	5730000	Maint of Misc Transmission Pl	(7)(6)	Electricity Transmission Maint	N/A	(\$4)	N/A	N/A	N/A	N/A	(7)(6)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account	

						SubTotal	Electricity Transmission Maint	\$14,369,790	\$14,614,163	\$214,932	1.5%	\$14,525,228	No Explanation Required (% threshold not met)
Ohio Power Company	1/1/2008	580	580 Oper Supr Eng-Dist	580008	Oper Supervision & Engineering	(n/a)	Electricity Distribution Ops	N/A	\$5,824,880	N/A	n/a	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account
Ohio Power Company	1/1/2008	581	581 Load Dispatching	581008	Load Dispatching	(n/a)	Electricity Distribution Ops	N/A	\$7,803	N/A	n/a	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account
Ohio Power Company	1/1/2008	582	582 Station Expenses-Dist	582008	Station Expenses	(n/a)	Electricity Distribution Ops	N/A	\$1,205,540	N/A	n/a	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account
Ohio Power Company	1/1/2008	583	583 Overhd Line Exp-Dist	583008	Overhead Line Expenses	(n/a)	Electricity Distribution Ops	N/A	\$1,160,432	N/A	n/a	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account
Ohio Power Company	1/1/2008	584	584 Undergrd Line Exp-Dist	584008	Underground Line Expenses	(n/a)	Electricity Distribution Ops	N/A	\$322,401	N/A	n/a	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account
Ohio Power Company	1/1/2008	585	585 Street Lig Signal System	585008	Street Lighting & Signal Sys E	(n/a)	Electricity Distribution Ops	N/A	\$127,888	N/A	n/a	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account
Ohio Power Company	1/1/2008	586	586 Meter Expenses	586008	Meter Expenses	(n/a)	Electricity Distribution Ops	N/A	\$1,645,373	N/A	n/a	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account
Ohio Power Company	1/1/2008	587	587 Cust Install Expense	587008	Customer Installations Exp	(n/a)	Electricity Distribution Ops	N/A	\$141,082	N/A	n/a	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account
Ohio Power Company	1/1/2008	588	588 Misc Distribution Exp	588008	Miscellaneous Distribution Exp	(n/a)	Electricity Distribution Ops	N/A	\$11,583,646	N/A	n/a	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account
Ohio Power Company	1/1/2008	589	589 Rents-Distribution Exp	589001	Rents - Nonresidential	(n/a)	Electricity Distribution Ops	N/A	\$2,781,747	N/A	n/a	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account
Ohio Power Company	1/1/2008	590	590 Rents-Distribution Exp	589002	Rents - Associated	(n/a)	Electricity Distribution Ops	N/A	\$108,840	N/A	n/a	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account
					SubTotal	Electricity Distribution Ops	\$25,246,451	\$25,468,219	\$229,768	0.9%	\$25,912,634	No Explanation Required (% threshold not met)	
Ohio Power Company	1/1/2008	590	590 Maint Supr Eng-Dist	590008	Maint Supv & Engineering	(n/a)	Electricity Distribution Maint	N/A	\$690,315	N/A	n/a	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account
Ohio Power Company	1/1/2008	591	591 Maint Of Structures-Dist	591008	Maintenance of Structures	(n/a)	Electricity Distribution Maint	N/A	\$161,720	N/A	n/a	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account
Ohio Power Company	1/1/2008	592	592 Maint Of Sub Equip -Dist	592008	Maint of Station Equipment	(n/a)	Electricity Distribution Maint	N/A	\$3,160,481	N/A	n/a	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account
Ohio Power Company	1/1/2008	593	593 Maint Of Overhd Lines-Dist	593008	Maintenance of Overhead Lines	(n/a)	Electricity Distribution Maint	N/A	\$45,963,689	N/A	n/a	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account
Ohio Power Company	1/1/2008	593	593 Maint Of Overhd Lines-Dist	593001	Tree and Brush Control	(n/a)	Electricity Distribution Maint	N/A	(\$6,162)	N/A	n/a	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account
Ohio Power Company	1/1/2008	594	594 Maint Of Undergrd Lines-Dist	594008	EBRP-Overhd Maint On Lines	(n/a)	Electricity Distribution Maint	N/A	\$1,120,844	N/A	n/a	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account
Ohio Power Company	1/1/2008	594	594 Maint Of Undergrd Lines-Dist	594008	Maint of Underground Lines	(n/a)	Electricity Distribution Maint	N/A	\$1,247,527	N/A	n/a	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account
Ohio Power Company	1/1/2008	595	595 Maint Of Line Transformers	595008	Maint of Line Trnsf&Reg&Del	(n/a)	Electricity Distribution Maint	N/A	\$783,111	N/A	n/a	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account
Ohio Power Company	1/1/2008	596	596 Maint Of Street Lig	596008	Maint of Street Lighting & Signal S	(n/a)	Electricity Distribution Maint	N/A	\$331,778	N/A	n/a	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account
Ohio Power Company	1/1/2008	597	597 Maintenance Of Meters	597008	Maintenance of Meters	(n/a)	Electricity Distribution Maint	N/A	\$404,825	N/A	n/a	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account
Ohio Power Company	1/1/2008	598	598 Maint Of Misc Dist Plant	598008	Maint of Misc Distribution PH	(n/a)	Electricity Distribution Maint	N/A	\$2,173,470	N/A	n/a	(n/a)	Budget variance at the Sub Account level not meaningful as AEP OHIO does not manage Operations by FERC Account
					SubTotal	Electricity Distribution Maint	\$45,106,618	\$56,038,608	\$10,932,990	24.2%	\$58,279,621	Primary variance drivers: higher meter storm expense (\$8.7M); higher Capital Shared Assets Project work (\$3.9M)	
					Total	Ohio Power Company	\$105,646,469	\$110,540,914	\$5,879,446	5.6%	\$167,874,596		

Country	Reporting Period	FISCAL YEAR	Account Title	FISCAL YEAR	FISCAL YEAR	FUNCTION CODE	FUNCTION CODE TITLE	Real Year's Budget	Real Year's Actual	% Variance	Current Year's Budget	Current Year's Actual	% Variance	Comments
Columbus Southern Power	8/1/2009	8/1/2009					Distribution Capital Expenditures	\$81,531,155	\$87,214,128	-6.9%	\$88,000,000	\$88,000,000	0.0%	No Explanation Provided (% threshold not met)
Columbus Southern Power	8/1/2009	8/1/2009					Transmission Capital Expenditures	\$81,531,155	\$87,214,128	-6.9%	\$88,000,000	\$88,000,000	0.0%	No Explanation Provided (% threshold not met)
Ohio Power Company	8/1/2009	8/1/2009					Distribution Capital Expenditures	\$88,000,000	\$88,233,885	-0.3%	\$88,233,885	\$88,233,885	0.0%	No Explanation Provided (% threshold not met)
Ohio Power Company	8/1/2009	8/1/2009					Transmission Capital Expenditures	\$88,000,000	\$88,584,000	-0.7%	\$88,584,000	\$88,584,000	0.0%	No Explanation Provided (% threshold not met)