

BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO

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

Case No. 16-999-EL-ESS

ANNUAL REPORT
OF DUKE ENERGY OHIO

Pursuant to Rule 26 of the Electric Service and Safety Standards, Ohio, Administrative Code 4901:1-10-26, Duke Energy Ohio submits the following Annual Report. The Report is attached.

We'll 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



Michael Leeks, VP Distribution Construction & Maintenance,
Midwest Delivery Operations
Responsible For Distribution Reporting

3/23/2016
Date



Donald Broadhurst, GM Construction & Maintenance, Transmission
- Construction & Maintenance
Responsible For Transmission Reporting

3-22-16
Date

Report Date & Time: March 31, 2016 10:14 am

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

a.	b.	c.	d.	e.	f.	g.	h.	i.
Identification of project/program or plan by facility, equipment, or project name	Transmission or distribution ("T" or "D")	Description of project/program and goals of planned investment	Portion of service territory effected	Characteristics of territory effected	Estimated cost for implementation	Date of initiation of program or project	Planned completion date	Actual completion date
TOH1072	T	Todhunter station: Installation of new 345kV ring bus & reconductor feeder 5680	North	Suburban	16,726,713	05/03/2015	12/31/2020	
TOH1409	T	Installation of new 345kV circuit breaker, replacement of existing relays and circuit breakers at Port Union station	East	Suburban	1,564,158	12/23/2014	12/31/2018	
TOH1423	T	Expansion of Miami Fort 345kV ring bus	Central	Suburban	4,733,914	01/20/2015	12/31/2018	

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

a.	b.	c.	d.	e.	f.	g.	h.	i.
Identification of project/program or plan by facility, equipment, or project name	Transmission or distribution ("T" or "D")	Description of project/program and goals of planned investment	Portion of service territory effected	Characteristics of territory effected	Estimated cost for implementation	Date of initiation of program or project	Planned completion date	Actual completion date
TOH1439	T	Replacement of 138kV relays at Todhunter station	North	Suburban	689,605	01/22/2015	12/31/2021	
TOH1455	T	Replacemnt of switchgear, breakers and regulators at Trenton station	North	Suburban	3,202,128	02/04/2015	06/01/2018	
TOH1488	T	Upgrade to 345kV Airbrake switches at Zimmer to allow for breaker isolation	East	Rural	305,038	06/25/2015	12/31/2018	

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

a.	b.	c.	d.	e.	f.	g.	h.	i.
Identification of project/program or plan by facility, equipment, or project name	Transmission or distribution ("T" or "D")	Description of project/program and goals of planned investment	Portion of service territory effected	Characteristics of territory effected	Estimated cost for implementation	Date of initiation of program or project	Planned completion date	Actual completion date
TOH1504	T	Installation of new 138kV circuit breakers and reconfiguration of Ebenezer substation to implement new ring bus	Central	Suburban	1,528,137	02/25/2015	06/01/2019	

Notes

From this point forward, Duke Energy will be reporting only projects 3 years or more in planned duration and projects budgeted to cost \$250,000 or more.

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

Facility Type	Total Overhead Miles	Total Underground Miles	Other Notable Characteristics
T	1,744	11	Data from GIS
D	8,232	4,081	Data from GIS

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1.b 4901:1-10-26 (B)(1b) Future investment plan for facilities and equipment (covering period 2015 to 2019)

All Cost	2015		2016	2017	2018	2019
	Planned	Actual	Planned	Projected	Projected	Projected
D	\$139,516,136	\$117,942,939	\$159,222,777	\$180,031,544	\$186,062,325	\$192,676,178
T	\$57,511,583	\$60,455,011	\$69,662,740	\$82,551,432	\$79,732,329	\$78,432,902

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

a.	b.	c.	d.	e.	f.	g.
Complaint(s) from other electric utility companies, regional transmission entity, or competitive retail electric supplier(s) (list individually)	Date complaint received	Nature of complaint	Action taken to address complaint	Complaint resolved (Yes or No)	Date resolved	If unresolved give explanation why
No complaints	01/01/2015	Availability	No such complaints in 2015	Yes	12/31/2015	No such complaints in 2015

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

Standard number violated	Standard name violated	Date of violation	Violation risk factor	Violation severity factor	Total amount of penalty dollars	Description
CIP-003-3, R4.	Cyber Security - Security Management Controls	06/02/2015	Pending	Pending		Confidential, non-public information
CIP-004-3a, R3.2.,	Cyber Security - Personnel and Training	05/19/2015	Pending	Pending		Confidential, non-public information
CIP-004-3a, R4.2.	Cyber Security - Personnel and Training	04/03/2015	Pending	Pending		Confidential, non-public information
CIP-005-3a, R1.5.	Cyber Security - Electronic Security Perimeters	08/20/2015	Pending	Pending		Confidential, non-public information
CIP-006-3c, R1.6.	Cyber Security - Physical Security	04/07/2015	Pending	Pending		Confidential, non-public information
CIP-006-3c, R1.6.1.	Cyber Security - Physical Security	11/04/2015	Pending	Pending		Confidential, non-public information
CIP-006-3c, R1.6.1.	Cyber Security - Physical Security	11/30/2015	Pending	Pending		Confidential, non-public information

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CIP-006-3c, R1.6.1.	Cyber Security - Physical Security	12/04/2015	Pending	Pending		Confidential, non-public information
CIP-006-3c, R1.6.2.	Cyber Security - Physical Security	05/13/2015	Pending	Pending		Confidential, non-public information
CIP-007-3a, R1.	Cyber Security - Systems Security Management	12/04/2015	Pending	Pending		Confidential, non-public information
CIP-007-3a, R5.1.	Cyber Security - Systems Security Management	07/21/2015	Pending	Pending		Confidential, non-public information
CIP-007-3a, R5.1.	Cyber Security - Systems Security Management	11/09/2015	Pending	Pending		Confidential, non-public information
CIP-007-3a, R6.2.	Cyber Security - Systems Security Management	11/11/2015	Pending	Pending		Confidential, non-public information

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

Name of RTO violation	Description
None	No RTO violations in 2015

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

TLR Event Start	TLR Event End	Highest TLR level during event	Firm load interrupted	Amount of load (MW) interrupted	Description
01/01/2015 12:00AM	12/31/2015 12:00AM	0	N	0	No TLR Incidents in 2015

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

Rank	Description of facility causing congestion
1	No congested facilities in 2015

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

Relationship between annual system improvement plan and RTO transmission expansion plan

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

a.	b.	c.	d.	e.	f.
Identification of previously planned action	Transmission or Distribution ("T" or "D")	Planned completion date	Actual completion date of action	Identification of deviation(s) from goals of previous plan	Reason(s) for each identified deviation
103H8946	T	12/31/2016	01/01/2015	Closed	Small Project
114G8906	D	12/31/2015	01/01/2015	Closed	Small Project
114H9084	D	12/31/2015	01/01/2015	Closed	Small Project
202D7784	T	06/01/2016	01/01/2015	Closed	Small Project
202F8581	D	06/01/2016	01/01/2015	Closed	Small Project
203D7787	D	06/01/2016	01/01/2015	Closed	Small Project
203D7788	D	06/01/2016	01/01/2015	Closed	Small Project
204D7785	T	06/01/2016	01/01/2015	Closed	Small Project

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

a.	b.	c.	d.	e.	f.
Identification of previously planned action	Transmission or Distribution ("T" or "D")	Planned completion date	Actual completion date of action	Identification of deviation(s) from goals of previous plan	Reason(s) for each identified deviation
204D7786	T	06/01/2016	11/21/2014	Cancelled	Project Cancelled
403E7918	D	12/31/2015	07/24/2015	Project Complete	Project Complete
403G8635	D	12/31/2015	01/01/2015	Closed	Small Project
403H8987	D	12/31/2015	01/01/2015	Closed	Small Project
403H8993	D	06/01/2018	01/01/2015	Closed	Small Project
403H8995	D	12/31/2015	01/01/2015	Closed	Small Project
403H8997	D	06/01/2016	01/01/2015	Closed	Small Project
414G8636	D	12/31/2015	01/01/2015	Closed	Small Project

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

a.	b.	c.	d.	e.	f.
Identification of previously planned action	Transmission or Distribution ("T" or "D")	Planned completion date	Actual completion date of action	Identification of deviation(s) from goals of previous plan	Reason(s) for each identified deviation
414H8992	D	06/01/2018	01/01/2015	Closed	Small Project
AMOH0034	D	06/01/2015	12/31/2015	Project Complete	Project Complete
AMOH0100	T	12/31/2016	01/01/2015	Closed	Small Project
AMOH0194	T	12/31/2017		Program Continued	Deadline Extended
AMOH0261	T	12/31/2015	01/01/2015	Closed	Small Project
AMOH0286	D	06/01/2016	01/01/2015	Closed	Small Project
AMOH0380	D	09/01/2015	01/01/2015	Closed	Small Project
AMOH0494	T	12/31/2015	01/01/2015	Closed	Small Project

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

a.	b.	c.	d.	e.	f.
Identification of previously planned action	Transmission or Distribution ("T" or "D")	Planned completion date	Actual completion date of action	Identification of deviation(s) from goals of previous plan	Reason(s) for each identified deviation
AMOH0553	D	12/31/2016	01/01/2015	Closed	Small Project
AMOH0593	T	06/01/2016	01/01/2015	Closed	Small Project
AMOH0597	T	06/01/2016	01/01/2015	Closed	Small Project
AMOH0616	D	06/01/2016		Program Continued	Deadline Extended
AMOH0710	D	06/01/2018	01/01/2015	Closed	Small Project
AMOH0756	D	06/01/2015	01/01/2015	Closed	Small Project
AMOH0760	T	06/01/2017	01/01/2015	Closed	Small Project
AMOH0761	D	05/01/2015	01/01/2015	Closed	Small Project

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

a.	b.	c.	d.	e.	f.
Identification of previously planned action	Transmission or Distribution ("T" or "D")	Planned completion date	Actual completion date of action	Identification of deviation(s) from goals of previous plan	Reason(s) for each identified deviation
AMOH0764	T	04/01/2015	01/01/2015	Closed	Small Project
AMOH0765	T	12/31/2016	01/01/2015	Closed	Small Project
AMOH0782	D	12/31/2015	01/01/2015	Closed	Small Project
AMOH0794	T	06/01/2015	01/01/2015	Closed	Small Project
AMOH0795	T	06/01/2015	01/01/2015	Closed	Small Project
AMOH0805	D	12/31/2015	01/01/2015	Closed	Small Project
AMOH0820	T	06/01/2016	01/01/2015	Closed	Small Project
AMOH0821	T	12/31/2014	01/01/2015	Closed	Small Project

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a.	b.	c.	d.	e.	f.
Identification of previously planned action	Transmission or Distribution ("T" or "D")	Planned completion date	Actual completion date of action	Identification of deviation(s) from goals of previous plan	Reason(s) for each identified deviation
AMOH0822	T	12/31/2014	01/01/2015	Closed	Small Project
AMOH0823	T	06/01/2015	01/01/2015	Closed	Small Project
AMOH0833	T	12/31/2015	01/01/2015	Closed	Small Project
AMOH0945	T	12/31/2015	01/01/2015	Closed	Small Project
AMOH0946	T	12/31/2015	01/01/2015	Closed	Small Project
AMOH0951	T	06/01/2015	01/01/2015	Closed	Small Project
AMOH0952	T	12/31/2015	01/01/2015	Closed	Small Project
AMOH0961	D	07/01/2015	01/01/2015	Closed	Small Project

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

a.	b.	c.	d.	e.	f.
Identification of previously planned action	Transmission or Distribution ("T" or "D")	Planned completion date	Actual completion date of action	Identification of deviation(s) from goals of previous plan	Reason(s) for each identified deviation
AMOH0962	T	06/01/2016	01/01/2015	Closed	Small Project
AMOH0965	D	06/01/2015	01/01/2015	Closed	Small Project
AMOH0966D	D	12/31/2016	01/01/2015	Closed	Small Project
AMOH0986	D	12/31/2015	01/01/2015	Closed	Small Project
AMOH0987	D	12/31/2015	01/01/2015	Closed	Small Project
AMOH1004	T	06/01/2015	01/01/2015	Closed	Small Project
AMOH1007	D	06/01/2015	01/01/2015	Closed	Small Project
AMOH1008	D	06/01/2015	01/01/2015	Closed	Small Project

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

a.	b.	c.	d.	e.	f.
Identification of previously planned action	Transmission or Distribution ("T" or "D")	Planned completion date	Actual completion date of action	Identification of deviation(s) from goals of previous plan	Reason(s) for each identified deviation
AMOH1013T	D	06/01/2016	01/01/2015	Closed	Small Project
AMOH1014	D	12/31/2015	01/01/2015	Closed	Small Project
AMOH1015	D	12/30/2015	01/01/2015	Closed	Small Project
AMOH1036	D	06/01/2014	01/01/2015	Closed	Small Project
AMOH1039	D	07/15/2015	01/01/2015	Closed	Small Project
AMOH1042	T	06/01/2017	01/01/2015	Closed	Small Project
AMOH1045	D	12/31/2015	01/01/2015	Closed	Small Project
AMOH1059	D	06/01/2015	01/01/2015	Closed	Small Project

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

a.	b.	c.	d.	e.	f.
Identification of previously planned action	Transmission or Distribution ("T" or "D")	Planned completion date	Actual completion date of action	Identification of deviation(s) from goals of previous plan	Reason(s) for each identified deviation
AMOH1060	D	06/01/2015	01/01/2015	Closed	Small Project
AMOH1064T	T	12/31/2015	01/01/2015	Closed	Small Project
AMOH1117	T	06/01/2016	01/01/2015	Closed	Small Project
AMOH1118	D	06/01/2015	01/01/2015	Closed	Small Project
AMOH1120	D	12/31/2015	01/01/2015	Closed	Small Project
AMOH1121	D	06/01/2016	01/01/2015	Closed	Small Project
AMOH1133	T	12/31/2016	01/01/2015	Closed	Small Project
AMOH1134	T	12/31/2017	01/01/2015	Closed	Small Project

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

a.	b.	c.	d.	e.	f.
Identification of previously planned action	Transmission or Distribution ("T" or "D")	Planned completion date	Actual completion date of action	Identification of deviation(s) from goals of previous plan	Reason(s) for each identified deviation
AMOH1135	T	06/01/2017	01/01/2015	Closed	Small Project
AMOH1136	T	06/01/2016	01/01/2015	Closed	Small Project
AMOH1138	D	12/31/2017	01/01/2015	Closed	Small Project
AMOH1139	D	12/31/2016	01/01/2015	Closed	Small Project
AMOH1140	D	12/31/2016	01/01/2015	Closed	Small Project
AMOH1141	D	12/31/2015	01/01/2015	Closed	Small Project
AMOH1154	D	12/31/2015	01/01/2015	Closed	Small Project
AMOH1160	T	12/31/2015	01/01/2015	Closed	Small Project

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

a.	b.	c.	d.	e.	f.
Identification of previously planned action	Transmission or Distribution ("T" or "D")	Planned completion date	Actual completion date of action	Identification of deviation(s) from goals of previous plan	Reason(s) for each identified deviation
AMOH1163	D	12/31/2015	01/01/2015	Closed	Small Project
AMOH1165	D	06/01/2016	01/01/2015	Closed	Small Project
AMOH1166	T	12/31/2015	01/01/2015	Closed	Small Project
AMOH1174	D	12/31/2015	01/01/2015	Closed	Small Project
AMOH1180	D	06/30/2016	01/01/2015	Closed	Small Project
AMOH1197	D	06/01/2016	01/01/2015	Closed	Small Project
AMOH1202	D	06/01/2016	01/01/2015	Closed	Small Project
AMOH1284	D	06/01/2016	01/01/2015	Closed	Small Project

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

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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
AMOH1318	D	12/31/2016	01/01/2015	Closed	Small Project
AMOH1319	D	12/31/2016	01/01/2015	Closed	Small Project
AMOH1362	T	12/31/2015	01/01/2015	Closed	Small Project
AMOH1367T	T	09/01/2015	01/01/2015	Closed	Small Project
AMOH1368	T	06/01/2016	01/01/2015	Closed	Small Project
AMOH1371	T	12/31/2015	01/01/2015	Closed	Small Project
AMOH1372	T	12/31/2015	01/01/2015	Closed	Small Project
AMOH1376	D	12/31/2015	01/01/2015	Closed	Small Project

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a.	b.	c.	d.	e.	f.
Identification of previously planned action	Transmission or Distribution ("T" or "D")	Planned completion date	Actual completion date of action	Identification of deviation(s) from goals of previous plan	Reason(s) for each identified deviation
AMOH1377	T	12/31/2015	01/01/2015	Closed	Small Project
AMOH1378	T	12/31/2015	01/01/2015	Closed	Small Project
AMOH1380	D	12/31/2015	01/01/2015	Closed	Small Project
AMOH1381	D	12/31/2015	01/01/2015	Closed	Small Project
AMOH1382	D	12/31/2015	01/01/2015	Closed	Small Project
AMOH1383	D	12/31/2015	01/01/2015	Closed	Small Project
CSFB	D	12/31/2050	01/01/2015	Closed	This project is now classified as maintenance (project has no end date)

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a.	b.	c.	d.	e.	f.
Identification of previously planned action	Transmission or Distribution ("T" or "D")	Planned completion date	Actual completion date of action	Identification of deviation(s) from goals of previous plan	Reason(s) for each identified deviation
CSPFB	D	12/31/2050	01/01/2015	Closed	This project is now classified as maintenance (project has no end date)
DMAJRIFB	D	12/31/2050	01/01/2015	Closed	This project is now classified as maintenance (project has no end date)
DPEQUIPFB	D	12/31/2050	01/01/2015	Closed	This project is now classified as maintenance (project has no end date)
METERMWFB	D	12/31/2050	01/01/2015	Closed	This project is now classified as maintenance (project has no end date)
MOFB	D	12/31/2050	01/01/2015	Closed	This project is now classified as maintenance (project has no end date)

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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
NBFB	D	12/31/2050	01/01/2015	Closed	This project is now classified as maintenance (project has no end date)
OLEINSTFB	D	12/31/2050	01/01/2015	Closed	This project is now classified as maintenance (project has no end date)
OLEREPLFB	D	12/31/2050	01/01/2015	Closed	This project is now classified as maintenance (project has no end date)
ORDFB	D	12/31/2050	01/01/2015	Closed	This project is now classified as maintenance (project has no end date)
ORTFB	T	12/31/2050	01/01/2015	Closed	This project is now classified as maintenance (project has no end date)

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PILCFB	D	12/31/2050	01/01/2015	Closed	This project is now classified as maintenance (project has no end date)
PRDFB	D	12/31/2050	01/01/2015	Closed	This project is now classified as maintenance (project has no end date)
PRTFB	T	12/31/2050	01/01/2015	Closed	This project is now classified as maintenance (project has no end date)
RCLFB	D	12/31/2050	01/01/2015	Closed	This project is now classified as maintenance (project has no end date)
RELDFB	D	12/31/2050	01/01/2015	Closed	This project is now classified as maintenance (project has no end date)

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

a.	b.	c.	d.	e.	f.
Identification of previously planned action	Transmission or Distribution ("T" or "D")	Planned completion date	Actual completion date of action	Identification of deviation(s) from goals of previous plan	Reason(s) for each identified deviation
RELTFB	T	12/31/2050	01/01/2015	Closed	This project is now classified as maintenance (project has no end date)
RFIFB	D	12/31/2050	01/01/2015	Closed	This project is now classified as maintenance (project has no end date)
SCFOFB	D	12/31/2050	01/01/2015	Closed	This project is now classified as maintenance (project has no end date)
SLFB	D	12/31/2050	01/01/2015	Closed	This project is now classified as maintenance (project has no end date)
TMAJRIFB	T	12/31/2050	01/01/2015	Closed	This project is now classified as maintenance (project has no end date)

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

a.	b.	c.	d.	e.	f.
Identification of previously planned action	Transmission or Distribution ("T" or "D")	Planned completion date	Actual completion date of action	Identification of deviation(s) from goals of previous plan	Reason(s) for each identified deviation
TPEQUIPFB	T	12/31/2050	01/01/2015	Closed	This project is now classified as maintenance (project has no end date)
TXFRMMWFB	D	12/31/2050	01/01/2015	Closed	This project is now classified as maintenance (project has no end date)
UGCRFB	D	12/31/2050	01/01/2015	Closed	This project is now classified as maintenance (project has no end date)
X02C8852	T	06/01/2016	06/17/2015	Cancelled	Project Cancelled
X02C8876	T	12/31/2015	07/24/2015	Project Complete	Project Complete
X02C8877	T	12/31/2015	06/19/2015	Project Complete	Project Complete
X03C8960	D	12/31/2016	01/01/2015	Closed	Small Project

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

a.	b.	c.	d.	e.	f.
Identification of previously planned action	Transmission or Distribution ("T" or "D")	Planned completion date	Actual completion date of action	Identification of deviation(s) from goals of previous plan	Reason(s) for each identified deviation
X04C7993	T	12/31/2017		Program Continued	Deadline Extended
X14C8959	D	05/02/2018		Program Continued	Deadline Extended

Notes

Projects fewer than 3 years or more in planned duration and projects budgeted to cost less than \$250,000 will no longer be reported and are being listed in this section as "Closed" for the reason of "Small Project". Maintenance programs (projects currently showing an end date of 2050) will no longer be listed after this year, however, these projects are covered, and will be continued to be covered, at a higher level in sections 7d and 8d in this report.

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

	a.	b.
Type of System	Qualitative characterization of condition or system	Explanation of criteria used in making assessment for each characterization
T	The condition of the Duke Energy Ohio electric system meets or exceeds industry standards and customer expectations for delivery of safe and reliable electric service. Duke Energy Ohio recognizes that the electric system infrastructure continues to age, and on-going preventive maintenance and corrective actions are necessary. Duke Energy Ohio continues to strive to provide safe and reliable electric service to our customers at a reasonable price. The quality of electric service and the condition of the electric system will parallel each other. Therefore, the quality of electric service can be used to measure the condition of the electric system.	Scheduled inspections
D	The condition of the Duke Energy Ohio electric system meets or exceeds industry standards and customer expectations for delivery of safe and reliable electric service. Duke Energy Ohio recognizes that the electric system infrastructure continues to age, and on-going preventive maintenance and corrective actions are necessary. Duke Energy Ohio continues to strive to provide safe and reliable electric service to our customers at a reasonable price. The quality of electric service and the condition of the electric system will parallel each other. Therefore, the quality of electric service can be used to measure the condition of the electric system.	Scheduled inspections

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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	427
T	0

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

	1.	2.	3.	4.	5.	6.	7.
Type of system	Availability of service	Damage	Momentary interruption	Out of service	Quality of utility product	Repair service	Public safety
D	120	8	8	0	247	40	4
T	0	0	0	0	0	0	0

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

Total Transmission Capital Expenditures in 2015	\$60,455,012
Total Transmission Investment as of 12/31/2015	\$722,095,646
Transmission Capital Expenditures as a percent of Total Transmission Investment	8.4%

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

Total Transmission Maintenance Expenditures in 2015	\$25,039,973
Total Transmission Investment as of 12/31/2015	\$722,095,646
Transmission Maintenance Expenditures as a percent of Total Transmission Investment	3.5%

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

Budget Category	2015 Budget	2015 Actual	Budget Variance as percent	2016 Budget	Explanation of variance if over 10%
Business Support & Other	\$22,339	\$187,064	Over 100%	\$759,600	More Business support than planned
Region Relocations	\$16,820	\$106,039	Over 100%	\$0	More relocations needed than budgeted
Major Capacity and R&I	\$15,364,308	\$29,624,074	92.8%	\$17,609,988	Increased spend in System Capacity, causing a reducion in Reliability and Integrity spending
Outage Restoration Cap-Total	\$853,789	\$181,707	-78.7%	\$644,360	Fewer outages than planned
BUSINESS EXPANSION-T	\$3,161,950	\$781,077	-75.3%	\$7,091,491	Business expansion below budget due to fewer IPP interconnections requested than planned.
Region Reliability & Integrity	\$37,447,076	\$28,844,022	-23.0%	\$42,358,163	Decreased spend in Reliability and Integrity allowed for an increased spend in Capacity
Vegetation Mgt Total	\$645,301	\$731,029	13.3%	\$1,199,138	Increased spending on Vegetation Management

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7.d. 4901:1-10-26 (B)(3)(c)(ii) and (iii) Transmission Maintenance Expenditures - Reliability Specific

Budget Category	2015 Budget	2015 Actual	Budget Variance as percent	2016 Budget	Explanation of variance if over 10%
Major Storms	\$0	\$18,869	Over 100%	\$0	
Service Restoration	\$834,198	\$421,040	-49.5%	\$327,528	Fewer outages than planned
Vegetation Mgt Total	\$4,496,503	\$2,707,701	-39.8%	\$3,536,098	Less Veg O&M Work due to increased focus on Capital
Business Support & Other	\$3,158,485	\$3,920,121	24.1%	\$4,650,278	Dollars shifted into business support
Insp/Maint Prog	\$3,459,959	\$3,870,543	11.9%	\$2,476,295	Increase spend on inspection and maintenance programs
System Operations not incl MISO	\$14,139,017	\$12,573,034	-11.1%	\$13,896,757	Dollars shifted out of System Ops into other O&M areas
Project O&M	\$1,681,333	\$1,528,665	-9.1%	\$562,051	

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

Total Distribution Capital Expenditures in 2015	\$117,942,939
Total Distribution Investment as of 12/31/2015	\$2,260,439,245
Distribution Capital Expenditures as a percent of Total Distribution Investment	5.2%

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

Total Distribution Maintenance Expenditures in 2015	\$65,465,670
Total Distribution Investment as of 12/31/2015	\$2,260,439,245
Distribution Maintenance Expenditures as a percent of Total Distribution Investment	2.9%

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8.c. 4901:1-10-26 (B)(3)(d)(ii) and (iii) Distribution Capital Expenditures - Reliability Specific

Budget Category	2015 Budget	2015 Actual	Budget Variance as percent	2016 Budget	Explanation of variance if over 10%
Transformers & Meters/Services	\$1,992,093	\$5,667,332	Over 100%	\$5,758,024	Transformers had been budgeted to other categories due to anticipated process change, however process change delayed so needed more for the Transformers.
Lighting-Total	\$1,066,854	\$2,518,156	Over 100%	\$1,855,478	Increased Lighting requests
Outage Restoration Cap-Total	\$4,776,481	\$8,729,098	82.8%	\$5,053,743	Increase in storms and outages than budgeted
Vegetation Mgt Total	\$3,332,764	\$5,401,343	62.1%	\$4,729,116	Increase result of additional insect infested and hazard tree removals
Region Reliability & Integrity	\$68,497,268	\$43,775,179	-36.1%	\$82,263,912	Delayed execution of new programs as well as a shift of spend from R&I to Major Cap Projects
Region Relocations	\$16,439,142	\$10,965,392	-33.3%	\$9,433,496	Relocations spend lower due to lower requested relocation work than planned
BUSINESS EXPANSION-D	\$23,944,180	\$19,415,878	-18.9%	\$22,782,474	Lower customer addition unit cost than budgeted
Major Capacity and R&I	\$17,646,366	\$19,778,344	12.1%	\$23,014,153	Shift in spend from R&I to Major Cap Projects

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8.c. 4901:1-10-26 (B)(3)(d)(ii) and (iii) Distribution Capital Expenditures - Reliability Specific

Budget Category	2015 Budget	2015 Actual	Budget Variance as percent	2016 Budget	Explanation of variance if over 10%
Business Support & Other	\$1,820,989	\$1,692,217	-7.1%	\$4,332,381	

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

Budget Category	2015 Budget	2015 Actual	Budget Variance as percent	2016 Budget	Explanation of variance if over 10%
Region Relocations	\$0	\$99,369	Over 100%	\$0	
Transformers & Meters/Services	\$3,638,560	\$2,604,696	-28.4%	\$5,341,008	
Major Storms	\$4,899,996	\$5,914,297	20.7%	\$4,400,004	Greater Major Storms costs than planned
Business Support & Other	\$12,796,991	\$11,192,111	-12.5%	\$7,172,273	Dollars shifted out of Business Support to other O&M areas
Project O&M	\$3,179,845	\$2,878,491	-9.5%	\$8,388,273	
Lighting-Total	\$1,481,709	\$1,581,669	6.7%	\$2,011,658	
Insp/Maint Prog	\$9,453,164	\$9,883,590	4.6%	\$11,200,969	
Service Restoration	\$11,346,099	\$11,831,548	4.3%	\$11,177,279	

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

Budget Category	2015 Budget	2015 Actual	Budget Variance as percent	2016 Budget	Explanation of variance if over 10%
Vegetation Mgt Total	\$10,774,220	\$11,091,215	2.9%	\$12,694,870	
Customer Service	\$8,613,733	\$8,388,684	-2.6%	\$7,477,819	

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

a.	b.	c.	d.	e.	f.	g.	h.
Transmission or distribution ("T" or "D")	Asset Type	Asset's assigned FERC subaccount (account/sub account)	Total depreciable life of asset	Total depreciated life of asset	Total remaining life of asset	Percent of average remaining depreciation life of asset	Depreciation of how age was determined
D	Company Owned Outdoor Lighting	3710/3712	15	15.00	0	0.00%	Case No. 12-1683-EL-AIR
D	Customer Transformer Install	3682	45	31.00	14	31.11%	Case No. 12-1683-EL-AIR
D	Distribution Station Equipment	3635	20	0.00	20	100.00%	Case No. 12-1683-EL-AIR
D	Leased Property on Customer Premises	372	25	25.00	0	0.00%	Case No. 12-1683-EL-AIR
D	Line Transformers	368/3681	42	18.00	24	57.14%	Case No. 12-1683-EL-AIR
D	Major Equipment	3622	60	20.00	40	66.67%	Case No. 12-1683-EL-AIR
D	Meters - Utility of Future (Smart)	3702	15	4.00	11	73.33%	Case No. 12-1683-EL-AIR
D	Meters / Leased Meters	370/3701	19	19.00	0	0.00%	Case No. 12-1683-EL-AIR

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

a.	b.	c.	d.	e.	f.	g.	h.
Transmission or distribution ("T" or "D")	Asset Type	Asset's assigned FERC subaccount (account/sub account)	Total depreciable life of asset	Total depreciated life of asset	Total remaining life of asset	Percent of average remaining depreciation life of asset	Depreciation of how age was determined
D	Overhead Conductors and Devices	365	50	8.00	42	84.00%	Case No. 12-1683-EL-AIR
D	Poles, Towers and Fixtures	364	50	17.00	33	66.00%	Case No. 12-1683-EL-AIR
D	Services - Multi Occupancy	3693	0	0.00	0	0.00%	Case No. 12-1683-EL-AIR
D	Services - Overhead	3692	43	18.00	25	58.14%	Case No. 12-1683-EL-AIR
D	Services - Underground	3691	65	42.00	23	35.38%	Case No. 12-1683-EL-AIR
D	Station Equipment	362	60	19.00	41	68.33%	Case No. 12-1683-EL-AIR
D	Street Lighting - Boulevard	3732	45	12.00	33	73.33%	Case No. 12-1683-EL-AIR
D	Street Lighting - Customer Private Outdoor	3733	30	14.00	16	53.33%	Case No. 12-1683-EL-AIR

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

a.	b.	c.	d.	e.	f.	g.	h.
Transmission or distribution ("T" or "D")	Asset Type	Asset's assigned FERC subaccount (account/sub account)	Total depreciable life of asset	Total depreciated life of asset	Total remaining life of asset	Percent of average remaining depreciation life of asset	Depreciation of how age was determined
D	Street Lighting - Overhead	3731	28	20.00	8	28.57%	Case No. 12-1683-EL-AIR
D	Structures and Improvements	361	65	14.00	51	78.46%	Case No. 12-1683-EL-AIR
D	Underground Conduit	366	65	19.00	46	70.77%	Case No. 12-1683-EL-AIR
D	Underground Conduit and Devices	367	58	13.00	45	77.59%	Case No. 12-1683-EL-AIR
T	Overhead Conductors and Devices	356	62	21.00	41	66.13%	Case No. 08-709-EL-AIR
T	Overhead Conductors and Devices - CD/CCD	356	62	44.00	18	29.03%	Case No. 08-709-EL-AIR
T	Overhead Conductors and Devices - CGE - Ky	356	62	26.00	36	58.06%	Case No. 08-709-EL-AIR
T	Poles and Fixtures	355	55	15.00	40	72.73%	Case No. 08-709-EL-AIR
T	Poles and Fixtures - CD/CCD	355	55	19.00	36	65.45%	Case No. 08-709-EL-AIR

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

a.	b.	c.	d.	e.	f.	g.	h.
Transmission or distribution ("T" or "D")	Asset Type	Asset's assigned FERC subaccount (account/sub account)	Total depreciable life of asset	Total depreciated life of asset	Total remaining life of asset	Percent of average remaining depreciation life of asset	Depreciation of how age was determined
T	Poles and Fixtures - CGE - Ky	355	55	18.00	37	67.27%	Case No. 08-709-EL-AIR
T	Station Equipment	3530	53	10.00	43	81.13%	Case No. 08-709-EL-AIR
T	Station Equipment - Major Equipment	3532	55	15.00	40	72.73%	Case No. 08-709-EL-AIR
T	Station Equipment - RTU	3535	20	0.00	20	100.00%	Case No. 08-709-EL-AIR
T	Structures and Improvements	352	60	9.00	51	85.00%	Case No. 08-709-EL-AIR
T	Structures and Improvements - CD/CCD	352	60	22.00	38	63.33%	Case No. 08-709-EL-AIR
T	Structures and Improvements - CGE - Ky	352	60	30.00	30	50.00%	Case No. 08-709-EL-AIR
T	Towers & Fixtures	354	80	71.00	9	11.25%	Case No. 08-709-EL-AIR
T	Towers & Fixtures - CD/CCD	354	80	83.00	-3	-3.75%	Case No. 08-709-EL-AIR

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

a.	b.	c.	d.	e.	f.	g.	h.
Transmission or distribution ("T" or "D")	Asset Type	Asset's assigned FERC subaccount (account/sub account)	Total depreciable life of asset	Total depreciated life of asset	Total remaining life of asset	Percent of average remaining depreciation life of asset	Depreciation of how age was determined
T	Towers & Fixtures - CGE - Ky	354	80	51.00	29	36.25%	Case No. 08-709-EL-AIR
T	Underground Conduit	357	65	36.00	29	44.62%	Case No. 08-709-EL-AIR
T	Underground Conduit and Devices	358	45	12.00	33	73.33%	Case No. 08-709-EL-AIR

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

a.	b.	c.	d.	e.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
D	Capacitor Maintenance	Visually inspect 100%, Functionally inspect 100%, Either On-Site or Remotely. (2015)	Y	This program's purpose is to minimize the number of non-functional capacitors through routine field maintenance.
D	Capacitor Maintenance	Visually or Remotely inspect 100%, Functionally inspect 100%. (2014)	Y	This program's purpose is to minimize the number of non-functional capacitors through routine field maintenance.
D	Distribution Pole Groundline Inspection and Treatment	Inspect all distribution poles every 10 years and treat as needed. All Ohio distribution poles will be inspected within ten years	Y	Wood poles have an average life expectancy of approximately 30 years. By conducting a scheduled inspection and treatment program, the life of the pole can be extended and poles needing maintenance or replacement are identified.

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

a.	b.	c.	d.	e.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
D	Distribution Pole Groundline Inspection and Treatment	Inspect all distribution poles every 10 years and treat as needed. All Ohio distribution poles will be inspected within ten years (2013)	Y	Wood poles have an average life expectancy of approximately 30 years. By conducting a scheduled inspection and treatment program, the life of the pole can be extended and poles needing maintenance or replacement are identified.
D	Distribution Pole Groundline Inspection and Treatment	Inspect all distribution poles every 10 years and treat as needed. All Ohio distribution poles will be inspected within ten years. (2010)	Y	Wood poles have an average life expectancy of approximately 30 years. By conducting a scheduled inspection and treatment program, the life of the pole can be extended and poles needing maintenance or replacement are identified.

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

a.	b.	c.	d.	e.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
D	Distribution Pole Groundline Inspection and Treatment	Inspect all distribution poles every 10 years and treat as needed. All Ohio distribution poles will be inspected within ten years. (2011)	Y	Wood poles have an average life expectancy of approximately 30 years. By conducting a scheduled inspection and treatment program, the life of the pole can be extended and poles needing maintenance or replacement are identified.
D	Distribution Pole Groundline Inspection and Treatment	Inspect all distribution poles every 10 years and treat as needed. All Ohio distribution poles will be inspected within ten years. (2012)	Y	Wood poles have an average life expectancy of approximately 30 years. By conducting a scheduled inspection and treatment program, the life of the pole can be extended and poles needing maintenance or replacement are identified.

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

a.	b.	c.	d.	e.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
D	Distribution Pole Groundline Inspection and Treatment	Inspect all distribution poles every 10 years and treat as needed. All Ohio distribution poles will be inspected within ten years. (2014)	Y	Wood poles have an average life expectancy of approximately 30 years. By conducting a scheduled inspection and treatment program, the life of the pole can be extended and poles needing maintenance or replacement are identified.
D	Distribution Vegetation Management	Achieve 4-year cycle for vegetation line clearing on distribution circuits. Complete an average of 25% of target circuit miles per year. (2012)	Y	The Goal is to help provide safe and reliable electric service by limiting contact between vegetation and power lines.
D	Distribution Vegetation Management	Achieve 4-year cycle for vegetation line clearing on distribution circuits. Complete an average of 25% of target circuit miles per year. (2014)	N	The Goal is to help provide safe and reliable electric service by limiting contact between vegetation and power lines.

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

a.	b.	c.	d.	e.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
D	Distribution Vegetation Management	Achieve 4-year cycle for vegetation line clearing on distribution circuits. Complete an average of 25% of target circuit miles per year. (2015)	Y	The Goal is to help provide safe and reliable electric service by limiting contact between vegetation and power lines.
D	Distribution Vegetation Management	Achieve 4-year cycle for vegetation line clearing on distribution circuits. Complete an average of 25% of target vegetation miles per year. (2013)	Y	The Goal is to help provide safe and reliable electric service by limiting contact between vegetation and power lines.
DS	Inspection of Distribution Substations	Inspect Distribution Substations Monthly (2014)	N	Substation inspections help find problems in advance of trouble that could cause an outage.
DS	Inspection of Distribution Substations	Inspect Distribution Substations Monthly (2013)	Y	Substation inspections help find problems in advance of trouble that could cause an outage.
DS	Inspection of Distribution Substations	Inspect Distribution Substations Monthly (2015)	Y	Substation inspections help find problems in advance of trouble that could cause an outage.

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

a.	b.	c.	d.	e.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
DS	Inspection of Distribution Substations	Inspect Distribution Substations Monthly. (2011)	Y	Substation inspections help find problems in advance of trouble that could cause an outage.
DS	Inspection of Distribution Substations	Inspect Distribution Substations Monthly. (2012)	Y	Substation inspections help find problems in advance of trouble that could cause an outage.
D	Inspection of Poles and Towers, Conductors and Pad mount Transformers	Inspect Distribution lines every 5 years (2010)	N	Line Inspections help find problems in advance of trouble that could cause an outage.
D	Inspection of Poles and Towers, Conductors and Pad mount Transformers	Inspect Distribution lines every 5 years (2013)	N	Line Inspections help find problems in advance of trouble that could cause an outage.
D	Inspection of Poles and Towers, Conductors and Pad mount Transformers	Inspect Distribution lines every 5 years (2015)	Y	Line Inspections help find problems in advance of trouble that could cause an outage.

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

a.	b.	c.	d.	e.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
D	Inspection of Poles and Towers, Conductors and Pad mount Transformers	Inspect Distribution lines every 5 years. (2011)	N	Line Inspections help find problems in advance of trouble that could cause an outage.
D	Inspection of Poles and Towers, Conductors and Pad mount Transformers	Inspect Distribution lines every 5 years. (2012)	Y	Line Inspections help find problems in advance of trouble that could cause an outage.
D	Inspection of Poles and Towers, Conductors and Pad mount Transformers	Inspect Distribution lines every 5 years. (2014)	Y	Line Inspections help find problems in advance of trouble that could cause an outage.
D	Line Recloser Inspection	Inspect Line Reclosers Annually (2015)	Y	Inspect Line Reclosers to help find problems in advance of trouble that could cause an outage.
D	Line Recloser Inspection	Inspect Line Reclosers Annually. (2014)	Y	Inspect Line Reclosers to help find problems in advance of trouble that could cause an outage.

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

a.	b.	c.	d.	e.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
D	URD Cable Replacement	Complete budgeted cable replacements (2015)	Y	This program was developed to track the replacement costs of failed underground cables and to proactively replace cables that test poorly or that have corroded concentric neutral conductors.
D	URD Cable Replacement	Complete budgeted cable replacements. (2014)	Y	This program was developed to track the replacement costs of failed underground cables and to proactively replace cables that test poorly or that have corroded concentric neutral conductors.
T	Inspection of Poles and Towers, Conductors and Pad mount Transformers	Inspect Transmission lines each year (2015)	Y	Line Inspections help find problems in advance of trouble that could cause an out-age.
T	Inspection of Poles and Towers, Conductors and Pad mount Transformers	Inspect Transmission lines each year. (2014)	Y	Line Inspections help find problems in advance of trouble that could cause an out-age.

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

a.	b.	c.	d.	e.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
TS	Inspection of Transmission Substations	Inspect Transmission Substations Monthly (2013)	Y	Substation inspections help find problems in advance of trouble that could cause an outage.
TS	Inspection of Transmission Substations	Inspect Transmission Substations Monthly. (2011)	Y	Substation inspections help find problems in advance of trouble that could cause an outage.
TS	Inspection of Transmission Substations	Inspect Transmission Substations Monthly. (2012)	Y	Substation inspections help find problems in advance of trouble that could cause an outage.
TS	Inspection of Transmission Substations	Inspect Transmission Substations Monthly. (2014)	Y	Substation inspections help find problems in advance of trouble that could cause an outage.
TS	Inspection of Transmission Substations	Inspect Transmission Substations Monthly. (2015)	Y	Substation inspections help find problems in advance of trouble that could cause an outage.

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

a.	b.	c.	d.	e.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
T	Transmission Pole Groundline Inspection and Treatment	Inspect all transmission poles every 10 years and treat as needed. (2013)	Y	Wood poles have an average life expectancy of approximately 30 years. By conducting a scheduled inspection and treatment program, the life of the pole can be extended and poles needing maintenance or replacement are identified.
T	Transmission Pole Groundline Inspection and Treatment	Inspect all transmission poles every 10 years and treat as needed. (2014)	Y	Wood poles have an average life expectancy of approximately 30 years. By conducting a scheduled inspection and treatment program, the life of the pole can be extended and poles needing maintenance or replacement are identified.

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

a.	b.	c.	d.	e.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
T	Transmission Pole Groundline Inspection and Treatment	Inspect all transmission poles every 10 years and treat as needed. (2015)	Y	Wood poles have an average life expectancy of approximately 30 years. By conducting a scheduled inspection and treatment program, the life of the pole can be extended and poles needing maintenance or replacement are identified.
T	Transmission Vegetation Management	Achieve 6-year cycle for vegetation line clearing on transmission circuits. Complete an average of 16% of target circuit miles per year. (2011)	N	The Goal is to help provide safe and reliable electric service by limiting contact between vegetation and power lines.
T	Transmission Vegetation Management	Achieve 6-year cycle for vegetation line clearing on transmission circuits. Complete an average of 16% of target circuit miles per year. (2012)	Y	The Goal is to help provide safe and reliable electric service by limiting contact between vegetation and power lines.

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

a.	b.	c.	d.	e.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals	Achieve ("Y" or "N")	Summary of findings
T	Transmission Vegetation Management	Achieve 6-year cycle for vegetation line clearing on transmission circuits. Complete an average of 16% of target circuit miles per year. (2013)	Y	The Goal is to help provide safe and reliable electric service by limiting contact between vegetation and power lines.
T	Transmission Vegetation Management	Achieve 6-year cycle for vegetation line clearing on transmission circuits. Complete an average of 16% of target circuit miles per year. (2014)	Y	The Goal is to help provide safe and reliable electric service by limiting contact between vegetation and power lines.
T	Transmission Vegetation Management	Achieve 6-year cycle for vegetation line clearing on transmission circuits. Complete an average of 16% of target circuit miles per year. (2015)	Y	The Goal is to help provide safe and reliable electric service by limiting contact between vegetation and power lines.

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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
Capacitor Maintenance GOAL - Visually inspect 100%, Functionally inspect 100%, Either On-Site or Remotely. (2015)	Inspections of 100% of capacitor installations were completed in 2015.	100% of capacitors were inspected in 2015	There were 2,341 distribution cap installations in Ohio in 2015, and 2,341 were inspected in 2015.	Full visual and functional inspection of 2,341 capacitor installations were completed in 2015.
Capacitor Maintenance GOAL - Visually or Remotely inspect 100%, Functionally inspect 100%. (2014)	Inspections of 100% of capacitor installations were completed in 2014.	100% of capacitors were inspected in 2014	There were 2,228 distribution cap installations in Ohio in 2014, and 2,228 were inspected in 2014.	Full visual and functional inspection of 2,228 capacitor installations were completed in 2014.

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

1.	2.	3.	4.	5.
Program name	Explanation of how goal were achieved	Description of extent of achievement	Quantitative description of goal in either numerical values or percentages	Quantitative description of actual performance in either numerical values or percentages
<p>Distribution Pole Groundline Inspection and Treatment</p> <p>GOAL - Inspect all distribution poles every 10 years and treat as needed. All Ohio distribution poles will be inspected within ten years</p>	<p>24,291 distribution poles inspected in 2015.</p>	<p>Inspections complete for 2015 and for the 10 year cycle.</p>	<p>98.2% yearly goal of 10% of distribution poles achieved. 2015 is the final year of the 10 year distribution pole inspection cycle. Over 10 years, 100% of distribution poles have been inspected with some being inspected more than once. 276,092 distribution pole inspections have been performed. Duke Energy currently has 247,392 distribution poles.</p>	<p>98.2% of yearly goal of 10% of distribution poles achieved. 100% of 10 year cycle goal achieved.</p>

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

1.	2.	3.	4.	5.
Program name	Explanation of how goal were achieved	Description of extent of achievement	Quantitative description of goal in either numerical values or percentages	Quantitative description of actual performance in either numerical values or percentages
Distribution Pole Groundline Inspection and Treatment GOAL - Inspect all distribution poles every 10 years and treat as needed. All Ohio distribution poles will be inspected within ten years (2013)	27,396 distribution poles inspected in 2013. That figure includes 646 poles carrying both transmission and distribution circuits.	101% of goal achieved	Inspections complete for 2013	101% of goal inspected
Distribution Pole Groundline Inspection and Treatment GOAL - Inspect all distribution poles every 10 years and treat as needed. All Ohio distribution poles will be inspected within ten years. (2010)	28,975 distribution poles inspected in 2010. That figure includes 603 poles carrying both transmission and distribution circuits.	109% of goal achieved	Inspections complete for 2010	109% of goal inspected

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

1.	2.	3.	4.	5.
Program name	Explanation of how goal were achieved	Description of extent of achievement	Quantitative description of goal in either numerical values or percentages	Quantitative description of actual performance in either numerical values or percentages
Distribution Pole Groundline Inspection and Treatment GOAL - Inspect all distribution poles every 10 years and treat as needed. All Ohio distribution poles will be inspected within ten years. (2011)	28,982 distribution poles inspected in 2011. That figure includes 2,508 poles carrying both transmission and distribution circuits.	109% of goal achieved	Inspections complete for 2011	109% of goal inspected
Distribution Pole Groundline Inspection and Treatment GOAL - Inspect all distribution poles every 10 years and treat as needed. All Ohio distribution poles will be inspected within ten years. (2012)	28,730 distribution poles inspected in 2012. That figure includes 800 poles carrying both transmission and distribution circuits.	109% of goal achieved	Inspections complete for 2012	109% of goal inspected

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

1.	2.	3.	4.	5.
Program name	Explanation of how goal were achieved	Description of extent of achievement	Quantitative description of goal in either numerical values or percentages	Quantitative description of actual performance in either numerical values or percentages
<p>Distribution Pole Groundline Inspection and Treatment</p> <p>GOAL - Inspect all distribution poles every 10 years and treat as needed. All Ohio distribution poles will be inspected within ten years. (2014)</p>	<p>28,145 distribution poles inspected in 2014. That figure includes 339 poles carrying both transmission and distribution circuits.</p>	<p>107% of goal achieved</p>	<p>Inspections complete for 2014</p>	<p>107% of goal inspected</p>
<p>Distribution Vegetation Management</p> <p>GOAL - Achieve 4-year cycle for vegetation line clearing on distribution circuits. Complete an average of 25% of target circuit miles per year. (2012)</p>	<p>Distribution vegetation line clearing was completed for 2012 with 2,412.6 miles completed in 2012.</p>	<p>Full vegetation line clearing was completed on 2,412.6 circuit miles in 2012 toward the 4-year cycle goal.</p>	<p>Full vegetation line clearing was completed on 27.1% of the 8,890 distribution circuit miles in 2012 toward the 4-year cycle goal. Duke Energy Ohio started a new 4 year cycle for vegetation line clearing in 2010.</p>	<p>2,412.6 circuit miles of line were cleared in 2012, 108.5% of the average annual mileage target</p>

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

1.	2.	3.	4.	5.
Program name	Explanation of how goal were achieved	Description of extent of achievement	Quantitative description of goal in either numerical values or percentages	Quantitative description of actual performance in either numerical values or percentages
<p>Distribution Vegetation Management</p> <p>GOAL - Achieve 4-year cycle for vegetation line clearing on distribution circuits. Complete an average of 25% of target circuit miles per year. (2015)</p>	<p>Distribution vegetation line clearing was completed for 2015 with 1,988.51 miles completed in 2015.</p>	<p>Full vegetation line clearing was completed on 1,988.51 vegetation miles in 2015 toward the 4-year cycle goal.</p>	<p>Full vegetation line clearing was completed on 24.2% of the 8,231.51 distribution circuit miles in 2015 toward completing the 4-year cycle goal.</p>	<p>1,988.51 miles of line were cleared in 2015, 96.63% of the average annual mileage target, however, over the past 4 years we have completed 8518.6 miles of distribution circuit miles which is 103% of our goal</p>

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

1.	2.	3.	4.	5.
Program name	Explanation of how goal were achieved	Description of extent of achievement	Quantitative description of goal in either numerical values or percentages	Quantitative description of actual performance in either numerical values or percentages
<p>Distribution Vegetation Management</p> <p>GOAL - Achieve 4-year cycle for vegetation line clearing on distribution circuits. Complete an average of 25% of target vegetation miles per year. (2013)</p>	<p>Distribution vegetation line clearing was completed for 2013 with 2,108.41 miles completed in 2013.</p>	<p>Full vegetation line clearing was completed on 2,108.41 vegetation miles in 2013 toward the 4-year cycle goal.</p>	<p>Full vegetation line clearing was completed on 25.5% of the 8,263 distribution circuit miles in 2013 toward completing the 4-year cycle goal. Duke Energy Ohio has started a new 4 year cycle for vegetation line clearing in 2014.</p>	<p>2,108.41 miles of line were cleared in 2013, 102% of the average annual mileage target</p>
<p>Inspection of Distribution Substations</p> <p>GOAL - Inspect Distribution Substations Monthly (2013)</p>	<p>Completed monthly inspection of all distribution substations in 2013.</p>	<p>Monthly inspection of 226 distribution substations completed.</p>	<p>Completed 2,671 of 2,671 monthly distribution substation inspections with 2,660 inspections meeting the 40 day rule.</p>	<p>100% of monthly distribution substation inspections completed. The late inspections were due to storms.</p>

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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>Inspection of Distribution Substations</p> <p>GOAL - Inspect Distribution Substations Monthly (2015)</p>	<p>Completed monthly inspection of all distribution substations in 2015.</p>	<p>Monthly inspection of 224 distribution substations completed.</p>	<p>Completed 2,684 of 2,684 monthly distribution substation inspections with 2,684 inspections meeting the 40 day rule.</p>	<p>100% of monthly distribution substation inspections completed within the 40 day inspection time period. Please note - one substation, which is customer owned, was de-energized in October 2015 so this substation has 10 inspections for 2015.</p>

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

1.	2.	3.	4.	5.
Program name	Explanation of how goal were achieved	Description of extent of achievement	Quantitative description of goal in either numerical values or percentages	Quantitative description of actual performance in either numerical values or percentages
Inspection of Distribution Substations GOAL - Inspect Distribution Substations Monthly. (2011)	Completed monthly inspection of all distribution substations in 2011.	Monthly inspection of 232 distribution substations completed.	Completed 2,757 of 2,757 monthly distribution substation inspections.	100% of monthly distribution substation inspections completed.
Inspection of Distribution Substations GOAL - Inspect Distribution Substations Monthly. (2012)	Completed monthly inspection of all distribution substations in 2012.	Monthly inspection of 226 distribution substations completed.	Completed 2,706 of 2,706 monthly distribution substation inspections.	100% of monthly distribution substation inspections completed.
Inspection of Poles and Towers, Conductors and Pad mount Transformers GOAL - Inspect Distribution lines every 5 years (2015)	During 2015, the distribution inspection program in Ohio was 110% complete for the 20% goal and 100% complete for the 5-year goal.	147 distribution circuits were inspected.	22% of distribution circuits inspected	110% of 20% goal achieved. 100% of 5 year goal achieved.

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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
Inspection of Poles and Towers, Conductors and Pad mount Transformers GOAL - Inspect Distribution lines every 5 years. (2012)	During 2012, the distribution inspection program in Ohio was 100% complete for the 20% goal, and 100% complete for the 5-year goal.	145 distribution circuits were inspected toward the 5-year cycle goal.	20.4% of circuits inspected.	100% of 20% goal achieved, 100% of 5-year goal achieved.
Inspection of Poles and Towers, Conductors and Pad mount Transformers GOAL - Inspect Distribution lines every 5 years. (2014)	During 2014, the distribution inspection program in Ohio was 124% complete for the 20% goal and 100% complete for the 5-year goal.	168 distribution circuits were inspected.	124% of circuits inspected in 2014	124% of 20% goal achieved. 100% of 5-year goal achieved.
Line Recloser Inspection GOAL - Inspect Line Reclosers Annually (2015)	Annual inspection of 1,439 line recloser installations was completed in 2015.	1,439 line recloser installations were inspected in 2015.	Complete for 2015	100% inspected.

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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
Line Recloser Inspection GOAL - Inspect Line Reclosers Annually. (2014)	Annual inspection of 1,096 line recloser installations was completed in 2014.	1,096 line recloser installations were inspected in 2014.	Complete for 2014	100% inspected.
URD Cable Replacement GOAL - Complete budgeted cable replacements (2015)	During 2015, URD cable replacements continued as needed.	116% of needed projects were scheduled. 122,300 feet of new, replacement URD cable was installed.	116% of needed projects were scheduled. 122,300 feet of new, replacement URD cable was installed.	116% of needed projects were scheduled.
URD Cable Replacement GOAL - Complete budgeted cable replacements. (2014)	During 2014, URD cable replacements continued as needed.	100% of needed projects were scheduled. 96,068 feet of new, replacement URD cable was installed.	100% of needed projects were scheduled. 96,068 feet of new, replacement URD cable was installed.	100% of needed projects were scheduled.

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

1.	2.	3.	4.	5.
Program name	Explanation of how goal were achieved	Description of extent of achievement	Quantitative description of goal in either numerical values or percentages	Quantitative description of actual performance in either numerical values or percentages
Inspection of Poles and Towers, Conductors and Pad mount Transformers GOAL - Inspect Transmission lines each year (2015)	All in-service transmission circuits were inspected in 2015.	Inspected 100%	Inspected all in-service transmission circuits needing inspection (2015)	100% transmission line circuits were inspected
Inspection of Poles and Towers, Conductors and Pad mount Transformers GOAL - Inspect Transmission lines each year. (2014)	All in-service transmission circuits were inspected in 2014.	Inspected 100%	Inspected all in-service transmission circuits needing inspection	100% transmission line circuits were inspected

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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
Inspection of Transmission Substations GOAL - Inspect Transmission Substations Monthly (2013)	Completed monthly inspection of all transmission substations.	Monthly inspection of 14 transmission substations completed.	Completed 100% of monthly transmission substation inspections.	100% of monthly transmission substation inspections completed.
Inspection of Transmission Substations GOAL - Inspect Transmission Substations Monthly. (2011)	Completed monthly inspection of all transmission substations.	Monthly inspection of 13 transmission substations completed.	Completed 100% of monthly transmission substation inspections.	100% of monthly transmission substation inspections completed.
Inspection of Transmission Substations GOAL - Inspect Transmission Substations Monthly. (2012)	Completed monthly inspection of all transmission substations.	Monthly inspection of 14 transmission substations completed.	Completed 100% of monthly transmission substation inspections.	100% of monthly transmission substation inspections completed.

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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
Inspection of Transmission Substations GOAL - Inspect Transmission Substations Monthly. (2014)	Completed monthly inspection of all transmission substations.	Monthly inspection of 15 transmission substations completed.	Completed 100% of monthly transmission substation inspections.	100% of monthly transmission substation inspections completed.
Inspection of Transmission Substations GOAL - Inspect Transmission Substations Monthly. (2015)	Completed monthly inspection of all transmission substations.	Monthly inspection of 15 transmission substations completed.	Completed 100% of monthly transmission substation inspections.	100% of monthly transmission substation inspections completed.

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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>Transmission Pole Groundline Inspection and Treatment</p> <p>GOAL - Inspect all transmission poles every 10 years and treat as needed. (2013)</p>	<p>During 2013, inspections continued on wood transmission poles.</p>	<p>During 2013, the Duke Ohio wood pole inspection program inspected both transmission poles and distribution poles at the same time.</p>	<p>The wood pole inspection program will complete all transmission poles within 10 years.</p>	<p>During 2013, 1,261 transmission-only poles were inspected. In addition, 646 poles carrying both transmission and distribution circuits were inspected.</p>
<p>Transmission Pole Groundline Inspection and Treatment</p> <p>GOAL - Inspect all transmission poles every 10 years and treat as needed. (2014)</p>	<p>During 2014, inspections continued on wood transmission poles.</p>	<p>During 2014, the Duke Ohio wood pole inspection program inspected both transmission poles and distribution poles at the same time.</p>	<p>The wood pole inspection program will complete all transmission poles within 10 years.</p>	<p>During 2014, 609 transmission-only poles were inspected. In addition, 339 poles carrying both transmission and distribution circuits were inspected.</p>

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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>Transmission Pole Groundline Inspection and Treatment</p> <p>GOAL - Inspect all transmission poles every 10 years and treat as needed. (2015)</p>	<p>During 2015, inspections continued on wood transmission poles.</p>	<p>During 2015, the Duke Ohio wood pole inspection program inspected both transmission poles and distribution poles at the same time.</p>	<p>The wood pole inspection program has completed all transmission poles within the past 10 years.</p>	<p>During 2015, 724 transmission-only poles were inspected. In addition, 1,972 poles carrying both transmission and distribution circuits were inspected.</p>
<p>Transmission Vegetation Management</p> <p>GOAL - Achieve 6-year cycle for vegetation line clearing on transmission circuits. Complete an average of 16% of target circuit miles per year. (2012)</p>	<p>Transmission vegetation line clearing was completed for 2012 with 284.45 miles average annual mileage goal completed.</p>	<p>Full vegetation line clearing was completed on 284.45 circuit miles in 2012 toward the 6-year cycle goal.</p>	<p>1,578.8 total vegetation miles. Complete an average of 263 miles per year. 284.45 miles completed, including 7.37 miles carried over from 2011</p>	<p>284.45 circuit miles of line were cleared in 2012; 105% of the annual mileage target after accounting for the 7.37 carryover miles.</p>

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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>Transmission Vegetation Management</p> <p>GOAL - Achieve 6-year cycle for vegetation line clearing on transmission circuits. Complete an average of 16% of target circuit miles per year. (2013)</p>	<p>Transmission vegetation line clearing was completed for 2013 with 288.02 vegetation miles completed.</p>	<p>Full vegetation line clearing was completed on 288.02 miles in 2013 toward the 6-year cycle goal.</p>	<p>1,543.19 total vegetation miles. Goal = complete an average of 257.2 miles per year. 288.02 miles completed in 2013.</p>	<p>288.02 miles of line were cleared in 2013; 112% of the annual mileage target.</p>
<p>Transmission Vegetation Management</p> <p>GOAL - Achieve 6-year cycle for vegetation line clearing on transmission circuits. Complete an average of 16% of target circuit miles per year. (2014)</p>	<p>Transmission vegetation line clearing was completed for 2014 with 276.09 vegetation miles completed.</p>	<p>Full vegetation line clearing was completed on 276.09 miles in 2014 toward the 6-year cycle goal.</p>	<p>1609.17 total vegetation miles. Goal = complete an average of 268.2 miles per year. 276.09 miles completed in 2014.</p>	<p>276.09 miles of line were cleared in 2014; 103% of the annual mileage target.</p>

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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>Transmission Vegetation Management</p> <p>GOAL - Achieve 6-year cycle for vegetation line clearing on transmission circuits. Complete an average of 16% of target circuit miles per year. (2015)</p>	<p>Transmission vegetation line clearing was completed for 2015 with 243.22 vegetation miles completed.</p>	<p>Full vegetation line clearing was completed on 243.22 miles in 2015 toward the 6-year cycle goal.</p>	<p>1609.17 total vegetation miles. Goal = complete an average of 268.2 miles per year. 243.22 miles completed in 2015.</p>	<p>243.22 miles of line were cleared in 2015 which is 90.6% of the annual mileage target however, over the past 6 years we have completed 1622.01 miles of line clearing on transmission circuit miles which is 101% of our 6 year goal.</p>

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

1.	2.	3.	4.	5.
Program name	Cause(s) for not achieving goal(s)	Description of level of completion of goal	Quantitative description of goal in either numerical values or percentages	Quantitative description of level of completion of goal in either numerical values or percentages
<p>Distribution Vegetation Management</p> <p>GOAL - Achieve 4-year cycle for vegetation line clearing on distribution circuits. Complete an average of 25% of target circuit miles per year. (2014)</p>	<p>Distribution vegetation line clearing was completed for 2014 with 1,991.4 miles completed in 2014.</p>	<p>Full vegetation line clearing was completed on 1,991.4 vegetation miles in 2014 toward the 4-year cycle goal.</p>	<p>Full vegetation line clearing was completed on 24.2% of the 8,227.6 distribution circuit miles in 2014 toward completing the 4-year cycle goal.</p>	<p>1,991.4 miles of line were cleared in 2014, 96.82% of the average annual mileage target</p>

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

1.	2.	3.	4.	5.
Program name	Cause(s) for not achieving goal(s)	Description of level of completion of goal	Quantitative description of goal in either numerical values or percentages	Quantitative description of level of completion of goal in either numerical values or percentages
Inspection of Distribution Substations GOAL - Inspect Distribution Substations Monthly (2014)	Completed monthly inspection of all distribution substations in 2014.	Monthly inspection of 223 distribution substations completed.	Completed 2,672 of 2,672 monthly distribution substation inspections with 2,671 inspections meeting the 40 day rule.	100% of monthly distribution substation inspections completed. One late inspection was due to scheduling error. One substation inspection is being counted as late, however, the substation hadn't yet been put in service (energized).

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

1.	2.	3.	4.	5.
Program name	Cause(s) for not achieving goal(s)	Description of level of completion of goal	Quantitative description of goal in either numerical values or percentages	Quantitative description of level of completion of goal in either numerical values or percentages
Inspection of Poles and Towers, Conductors and Pad mount Transformers GOAL - Inspect Distribution lines every 5 years (2010)	During 2010, the distribution inspection program in Ohio was not completed due to a data entry error.	138 of 141 distribution circuits were inspected.	19.9% of circuits inspected.	98% of goal achieved.

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

1.	2.	3.	4.	5.
Program name	Cause(s) for not achieving goal(s)	Description of level of completion of goal	Quantitative description of goal in either numerical values or percentages	Quantitative description of level of completion of goal in either numerical values or percentages
<p>Inspection of Poles and Towers, Conductors and Pad mount Transformers</p> <p>GOAL - Inspect Distribution lines every 5 years (2013)</p>	<p>During 2013, the distribution inspection program in Ohio was 96% complete for the 20% goal, and 100% complete for the 5-year goal.</p>	<p>130 distribution circuits were inspected toward the 5-year cycle goal.</p>	<p>96% of circuits inspected in 2013</p>	<p>96% of 20% goal achieved, 100% of 5-year goal achieved. 8 of the circuits inspected in 2013 were ended therefore the inspections did not count toward the yearly goal. These eight circuits were chosen incorrectly due to a data entry error.</p>

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

1.	2.	3.	4.	5.
Program name	Cause(s) for not achieving goal(s)	Description of level of completion of goal	Quantitative description of goal in either numerical values or percentages	Quantitative description of level of completion of goal in either numerical values or percentages
<p>Inspection of Poles and Towers, Conductors and Pad mount Transformers</p> <p>GOAL - Inspect Distribution lines every 5 years. (2011)</p>	<p>During 2011, the distribution inspection program in Ohio was 85% complete for the 20% goal, but 100% complete for the 5-year goal.</p>	<p>119 distribution circuits were inspected.</p>	<p>17% of circuits inspected.</p>	<p>85% of 20% goal achieved, 100% of 5-year goal achieved.</p>
<p>Transmission Vegetation Management</p> <p>GOAL - Achieve 6-year cycle for vegetation line clearing on transmission circuits. Complete an average of 16% of target circuit miles per year. (2011)</p>	<p>Vegetation line clearing was completed for 2011 with 0 miles carryover from 2010 plus 255.63 miles average annual mileage goal completed.</p>	<p>Full vegetation line clearing was completed on 255.63 circuit miles in 2011 toward the 6-year cycle goal.</p>	<p>1,578.8 total vegetation miles. Complete an average of 263 miles per year. 255.63 miles completed. 7.37 miles carried over to 2012</p>	<p>255.63 circuit miles of line were cleared in 2011, 97% of the annual mileage target</p>

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

1.	2.	3.	4.	5.	6.	7.
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
Capacitor Maintenance GOAL - Visually inspect 100%, Functionally inspect 100%, Either On-Site or Remotely. (2015)	D	As a result of 2015 capacitor inspections, 37 work orders were opened	0 work orders remain open as of 3/14/2016	12/31/2015	as of 3/14/2015 no work orders remain to be completed	12/31/2015
Capacitor Maintenance GOAL - Visually inspect 100%, Functionally inspect 100%, Either On-Site or Remotely. (2015)	D	Visual and functional inspection of 100% of capacitor units completed. (2015)	2,341 of 2,341 capacitors inspected in 2015	12/31/2015	100% of capacitor units were inspected, no remaining work to be done for 2015	12/31/2015

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

1.	2.	3.	4.	5.	6.	7.
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
Capacitor Maintenance GOAL - Visually or Remotely inspect 100%, Functionally inspect 100%. (2014)	D	As a result of 2014 capacitor inspections, 508 work orders were opened	No work orders remain open as of 12/31/2015	12/31/2015	As of 12/31/2015 all follow up work orders from the 2014 inspections have been completed	12/31/2015
Capacitor Maintenance GOAL - Visually or Remotely inspect 100%, Functionally inspect 100%. (2014)	D	Visual and functional inspection of 100% of capacitor units completed. (2014)	2228 of 2228 capacitors inspected in 2014	12/31/2014	100% of capacitor units were inspected, no remaining work to be done for 2014	12/31/2014

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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
Distribution Pole Groundline Inspection and Treatment GOAL - Inspect all distribution poles every 10 years and treat as needed. All Ohio distribution poles will be inspected within ten years	D	As a result of 2015 wood pole inspections, 3,669 work orders were opened.	1,036 of the 3,669 work orders are complete as of 3/1/2016.		As of 3/1/2016, 2,633 work orders remain open.	12/31/2015

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

1.	2.	3.	4.	5.	6.	7.
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
Distribution Pole Groundline Inspection and Treatment GOAL - Inspect all distribution poles every 10 years and treat as needed. All Ohio distribution poles will be inspected within ten years	D	During 2015, 9.82% of Duke Energy Ohio distribution wood poles received inspections. 100% of Duke Energy's Ohio distribution-only wood poles have been inspected over the past 10 year cycle.	During 2015, 24,291 distribution-only wood poles were inspected. This completes our 10 year cycle for a total of 276,092 wood poles inspected over 10 years. Duke Energy currently has 247,392 distribution-only wood poles and some were inspected more than	12/31/2015	Complete for 2015	12/31/2015

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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
Distribution Pole Groundline Inspection and Treatment GOAL - Inspect all distribution poles every 10 years and treat as needed. All Ohio distribution poles will be inspected within ten years (2013)	D	As a result of 2013 wood pole inspections, 3,547 work orders were opened.	3,545 of the 3,547 work orders are complete as of 3/1/2016		As of 3/1/2016, 2 work orders remain open.	12/31/2015

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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
Distribution Pole Groundline Inspection and Treatment GOAL - Inspect all distribution poles every 10 years and treat as needed. All Ohio distribution poles will be inspected within ten years (2013)	D	During 2013, 101% of Duke Energy Ohio distribution wood poles received inspections.	Complete for 2013	12/31/2013	Complete for 2013	12/31/2013

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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
Distribution Pole Groundline Inspection and Treatment GOAL - Inspect all distribution poles every 10 years and treat as needed. All Ohio distribution poles will be inspected within ten years. (2010)	D	As a result of 2010 wood pole inspections, 1,477 work orders were opened.	1,477 of the 1,477 work orders are complete as of 12/31/2015	12/31/2015	As of 12/31/2015, no work orders remain open.	06/30/2015

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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
Distribution Pole Groundline Inspection and Treatment GOAL - Inspect all distribution poles every 10 years and treat as needed. All Ohio distribution poles will be inspected within ten years. (2011)	D	As a result of 2011 wood pole inspections, 2,983 work orders were opened.	2,983 of the 2,983 work orders are complete as of 12/31/2015	12/31/2015	As of 12/31/2015, no work orders remain open.	12/31/2015

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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
Distribution Pole Groundline Inspection and Treatment GOAL - Inspect all distribution poles every 10 years and treat as needed. All Ohio distribution poles will be inspected within ten years. (2012)	D	As a result of 2012 wood pole inspections,4,577 work orders were opened.	4,577 of the 4,577 work orders are complete as of 3/1/2016	12/31/2015	As of 3/1/2016, no work orders remain open.	12/31/2015

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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
Distribution Pole Groundline Inspection and Treatment GOAL - Inspect all distribution poles every 10 years and treat as needed. All Ohio distribution poles will be inspected within ten years. (2014)	D	As a result of 2014 wood pole inspections, 3,853 work orders were opened.	3,794 of the 3,853 work orders are complete as of 3/1/2016		As of 3/1/2016, 59 work orders remain open.	12/31/2015

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

1.	2.	3.	4.	5.	6.	7.
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
Distribution Pole Groundline Inspection and Treatment GOAL - Inspect all distribution poles every 10 years and treat as needed. All Ohio distribution poles will be inspected within ten years. (2014)	D	During 2014, 10.59% of Duke Energy Ohio distribution wood poles received inspections.	Complete for 2014	12/31/2014	Complete for 2014	12/31/2014

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

1.	2.	3.	4.	5.	6.	7.
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
Distribution Vegetation Management GOAL - Achieve 4-year cycle for vegetation line clearing on distribution circuits. Complete an average of 25% of target circuit miles per year. (2012)	D	Total line clearing maintenance was completed on 2,412.6 distribution circuit miles in 2012.	Complete for 2012	12/31/2012	Complete for 2012.	12/31/2012

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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
Distribution Vegetation Management GOAL - Achieve 4-year cycle for vegetation line clearing on distribution circuits. Complete an average of 25% of target circuit miles per year. (2014)	D	Total line clearing maintenance was completed on 1,991.4 distribution circuit miles in 2014.	Complete for 2014	12/31/2014	Complete for 2014	12/31/2014

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

1.	2.	3.	4.	5.	6.	7.
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
Distribution Vegetation Management GOAL - Achieve 4-year cycle for vegetation line clearing on distribution circuits. Complete an average of 25% of target circuit miles per year. (2015)	D	Total line clearing maintenance was completed on 1,988.51 distribution circuit miles in 2015.	1,988.51 miles of distribtuion line vegetation were cleared in 2015.	12/31/2015	Complete for 2015	12/31/2015

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

1.	2.	3.	4.	5.	6.	7.
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
Distribution Vegetation Management GOAL - Achieve 4-year cycle for vegetation line clearing on distribution circuits. Complete an average of 25% of target vegetation miles per year. (2013)	D	Total line clearing maintenance was completed on 2,108.41 distribution circuit miles in 2013.	Complete for 2013	12/31/2013	Complete for 2013	12/31/2013
Inspection of Distribution Substations GOAL - Inspect Distribution Substations Monthly (2014)	DS	As a result of 2014 substation inspections, 1,609 work orders were opened	58 additional follow-up work orders were closed in 2015		As of 2/19/2015, 16 of the 2014 follow-up work orders remain open.	12/31/2015

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

1.	2.	3.	4.	5.	6.	7.
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
Inspection of Distribution Substations GOAL - Inspect Distribution Substations Monthly (2014)	DS	Monthly inspection of 223 distribution substations completed. (2014)	Completed 2,672 of 2,672 monthly distribution substation inspections. Complete for 2014	12/31/2014	All inspections were completed in 2014, however one was completed outside the 40 day interval prior to the implementation of our new Inspections Tracking Program	12/31/2014
Inspection of Distribution Substations GOAL - Inspect Distribution Substations Monthly (2014)	DS	Monthly inspection of 224 distribution substations completed. (2015)	Completed 2,684 of 2,684 monthly distribution substation inspections. Complete for 2015	12/31/2015	Complete for 2015. Please note - one substation, which is customer owned, was de-energized in October 2015 so this substation has 10 inspections for 2015.	12/31/2015

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

1.	2.	3.	4.	5.	6.	7.
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
Inspection of Distribution Substations GOAL - Inspect Distribution Substations Monthly (2013)	DS	As a result of 2013 substation inspections, 1,525 work orders were opened	1373 additional follow-up work orders were closed in 2015 from the 2013 inspections		As of 2/19/2016, 8 of the 2013 follow-up work orders remain open.	12/31/2015
Inspection of Distribution Substations GOAL - Inspect Distribution Substations Monthly (2013)	DS	Monthly inspection of 229 distribution substations completed. (2013)	Completed 2,671 of 2,671 monthly distribution substation inspections. Complete for 2013	12/31/2013	All inspections were completed in 2013, however some were performed outside the 40 day inspection period due to storms	12/31/2013

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

1.	2.	3.	4.	5.	6.	7.
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
Inspection of Distribution Substations GOAL - Inspect Distribution Substations Monthly (2015)	DS	As a result of 2015 substation inspections, 1,680 work orders were opened	1,481 follow-up work orders were closed in 2015		As of 2/19/2016, 199 of the 1,680 2015 follow-up work orders remain open.	12/31/2015
Inspection of Distribution Substations GOAL - Inspect Distribution Substations Monthly. (2011)	DS	As a result of 2011 substation inspections, 1,261 work orders were opened	All follow-up work orders from the 2011 substation inspections were closed in 2015	12/31/2015	None of the 1,163 follow-up work orders from 2011 inspections remain open as of 2/19/2016	12/31/2015

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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
Inspection of Distribution Substations GOAL - Inspect Distribution Substations Monthly. (2012)	DS	As a result of 2012 substation inspections, 1,159 work orders were opened	All follow-up work orders from the 2012 substation inspections were closed in 2015	12/31/2015	None of the 1,003 follow-up work orders from 2012 inspections remain open as of 2/19/2016	12/31/2015
Inspection of Poles and Towers, Conductors and Pad mount Transformers GOAL - Inspect Distribution lines every 5 years (2010)	D	As a result of 2010 distribution circuit inspections, 1,305 work orders were opened	1,305 of the 1,305 work orders are complete as of 3/20/2016.	12/31/2015	As of 3/20/2016, no work orders remain open.	12/31/2015

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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
Inspection of Poles and Towers, Conductors and Pad mount Transformers GOAL - Inspect Distribution lines every 5 years (2013)	D	130 distribution circuits were inspected, including make-up inspections. (2013)	19.1% of total circuits or 96% of annual goal complete for 2013	12/31/2014	96% Complete for 2013. Additional inspections performed in 2014.	12/31/2014
Inspection of Poles and Towers, Conductors and Pad mount Transformers GOAL - Inspect Distribution lines every 5 years (2013)	D	All circuits of the 5-year cycle circuits inspected in 2013	Complete for 2013	12/31/2013	Complete for 2013	12/31/2013

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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
Inspection of Poles and Towers, Conductors and Pad mount Transformers GOAL - Inspect Distribution lines every 5 years (2013)	D	As a result of 2013 distribution circuit inspections, 6,347 work orders were opened.	6,347 of the 6,347 work orders are complete as of 3/20/2016.	12/31/2015	As of 3/20/2016, no work orders remain open.	12/31/2015
Inspection of Poles and Towers, Conductors and Pad mount Transformers GOAL - Inspect Distribution lines every 5 years (2015)	D	147 distribution circuits were inspected of 668 inspectable distribution circuits. (2015)	22.0% of inspectable circuits inspected or 110% of annual goal complete for 2015	12/31/2015	110% Complete for 2015.	12/31/2015

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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
Inspection of Poles and Towers, Conductors and Pad mount Transformers GOAL - Inspect Distribution lines every 5 years (2015)	D	All circuits of the 5-year cycle distribution circuits inspected in 2015	All circuits of the 5-year cycle distribution circuits inspected in 2015	12/31/2015	Complete for 2015	12/31/2015
Inspection of Poles and Towers, Conductors and Pad mount Transformers GOAL - Inspect Distribution lines every 5 years (2015)	D	As a result of 2015 distribution circuit inspections, 5,349 work orders were opened.	3,438 of the 5,349 work orders are complete as of 3/21/2016		As of 3/21/2016, 1,911 work orders remain open.	12/31/2016

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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
Inspection of Poles and Towers, Conductors and Pad mount Transformers GOAL - Inspect Distribution lines every 5 years. (2011)	D	119 distribution circuits were inspected. (2011)	17% of total circuits or 85% of goal complete for 2011	03/26/2012	Completed for 2011	12/31/2011
Inspection of Poles and Towers, Conductors and Pad mount Transformers GOAL - Inspect Distribution lines every 5 years. (2011)	D	As a result of 2011 distribution circuit inspections, 2,224 work orders were opened.	2,224 of the 2,224 work orders are complete as of 3/20/2016.	12/31/2015	As of 3/20/2016, no work orders remain open.	12/31/2015

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

1.	2.	3.	4.	5.	6.	7.
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
Inspection of Poles and Towers, Conductors and Pad mount Transformers GOAL - Inspect Distribution lines every 5 years. (2012)	D	As a result of 2012 distribution circuit inspections, 9,826 work orders were opened.	9,826 of the 9,826 work orders are complete as of 3/20/2016.	12/31/2015	As of 3/20/2016, no work orders remain open.	12/31/2015
Inspection of Poles and Towers, Conductors and Pad mount Transformers GOAL - Inspect Distribution lines every 5 years. (2014)	D	168 distribution circuits were inspected, including make-up inspections from 2013. (2014)	24.8% of total circuits or 124% of annual goal complete for 2013	12/31/2014	124% Complete for 2014. Additional inspections performed in 2014.	12/31/2014

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

1.	2.	3.	4.	5.	6.	7.
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
Inspection of Poles and Towers, Conductors and Pad mount Transformers GOAL - Inspect Distribution lines every 5 years. (2014)	D	All circuits of the 5-year cycle distribution circuits inspected in 2014	Complete for 2014	12/31/2014	Complete for 2014	12/31/2014
Inspection of Poles and Towers, Conductors and Pad mount Transformers GOAL - Inspect Distribution lines every 5 years. (2014)	D	As a result of 2014 distribution circuit inspections, 5,896 work orders were opened.	5,892 of the 5,896 work orders are complete as of 3/30/2016		As of 3/30/2016, 4 work orders remain open	12/31/2015

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

1.	2.	3.	4.	5.	6.	7.
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
Inspection of Poles and Towers, Conductors and Pad mount Transformers GOAL - Inspect Transmission lines each year (2015)	T	Inspected 100% of transmission line goal. (2015)	All transmission line circuits were inspected in 2015	12/31/2015	Complete for 2015	12/31/2015
Inspection of Poles and Towers, Conductors and Pad mount Transformers GOAL - Inspect Transmission lines each year. (2014)	T	Inspected 100% of transmission line goal. (2014)	Complete for 2014	12/31/2014	Complete for 2014	12/31/2014

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

1.	2.	3.	4.	5.	6.	7.
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
Inspection of Transmission Substations GOAL - Inspect Transmission Substations Monthly (2013)	TS	Monthly inspection of 14 transmission substations completed. (2013)	Completed 168 of 168 monthly transmission substation inspections. Complete for 2013.	12/31/2013	Complete for 2013	12/31/2013
Inspection of Transmission Substations GOAL - Inspect Transmission Substations Monthly. (2011)	TS	Monthly inspection of 13 transmission substations completed in 2011	Complete for 2011	12/31/2011	Complete for 2011	12/31/2011

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

1.	2.	3.	4.	5.	6.	7.
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
Inspection of Transmission Substations GOAL - Inspect Transmission Substations Monthly. (2012)	TS	Monthly inspection of 14 transmission substations completed.	Complete for 2012	12/31/2012	Complete for 2012	12/31/2012
Inspection of Transmission Substations GOAL - Inspect Transmission Substations Monthly. (2014)	TS	Monthly inspection of 15 transmission substations completed. (2014)	Completed 177 of 177 monthly transmission substation inspections. Complete for 2014.	12/31/2014	Complete for 2014	12/31/2014

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

1.	2.	3.	4.	5.	6.	7.
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
Inspection of Transmission Substations GOAL - Inspect Transmission Substations Monthly. (2015)	TS	Monthly inspection of 15 transmission substations completed. (2015)	Completed 180 of 180 monthly transmission substation inspections. Complete for 2015.	12/31/2015	Complete for 2015	12/31/2015
Line Recloser Inspection GOAL - Inspect Line Reclosers Annually (2015)	D	As a result of 2015 line recloser inspections, 1 work order was opened	all work orders are complete as of 31 December 2015	12/31/2015	As of 12/31/2015, 0 work orders remain open.	12/31/2015

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

1.	2.	3.	4.	5.	6.	7.
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
Line Recloser Inspection GOAL - Inspect Line Reclosers Annually (2015)	D	During 2015,annual inspections of 1,439 line recloser installations were completed	100% of line reclosers were inspected in 2015.	12/31/2015	0% of line reclosers remain to be inspected in 2015	12/31/2015
Line Recloser Inspection GOAL - Inspect Line Reclosers Annually. (2014)	D	As a result of 2014 line recloser inspections, 8 work orders were opened	8 of the 8 work orders are complete as of 31 December 2014	12/31/2014	As of 12/31/2014, 0 work orders remain open.	12/31/2014
Line Recloser Inspection GOAL - Inspect Line Reclosers Annually. (2014)	D	During 2014,annual inspection of 1,096 line recloser installations was completed	87% of line reclosers were inspected in 2014.	12/31/2015	100% of line reclosers were inspected in 2015	12/31/2015

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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
Transmission Pole Groundline Inspection and Treatment GOAL - Inspect all transmission poles every 10 years and treat as needed. (2013)	T	During 2013, inspections continued on wood transmission poles.	Complete for 2013	12/31/2013	Complete for 2013	12/31/2013
Transmission Pole Groundline Inspection and Treatment GOAL - Inspect all transmission poles every 10 years and treat as needed. (2014)	T	During 2014, inspections continued on wood transmission poles.	Complete for 2014	12/31/2014	Complete for 2014	12/31/2014

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

1.	2.	3.	4.	5.	6.	7.
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
Transmission Pole Groundline Inspection and Treatment GOAL - Inspect all transmission poles every 10 years and treat as needed. (2015)	T	During 2015, inspections continued on wood transmission poles.	Complete for 2015	12/31/2015	Complete for 2015	12/31/2015

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

1.	2.	3.	4.	5.	6.	7.
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
Transmission Vegetation Management GOAL - Achieve 6-year cycle for vegetation line clearing on transmission circuits. Complete an average of 16% of target circuit miles per year. (2011)	T	Total line clearing maintenance was completed on 255.63 transmission circuit miles in 2011.	255.63 miles average annual mileage goal completed in 2011.	03/16/2012	7.37 miles carried over to 2012	12/31/2011

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

1.	2.	3.	4.	5.	6.	7.
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
Transmission Vegetation Management GOAL - Achieve 6-year cycle for vegetation line clearing on transmission circuits. Complete an average of 16% of target circuit miles per year. (2012)	T	Total line clearing maintenance was completed on 284.45 transmission circuit miles in 2012.	Complete for 2012	12/31/2012	Complete for 2012.	12/31/2012

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

1.	2.	3.	4.	5.	6.	7.
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
Transmission Vegetation Management GOAL - Achieve 6-year cycle for vegetation line clearing on transmission circuits. Complete an average of 16% of target circuit miles per year. (2013)	T	Total line clearing maintenance was completed on 288.02 transmission circuit miles in 2013.	288.02 miles average annual mileage goal completed in 2013.	12/31/2013	Complete for 2013	12/31/2013

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

1.	2.	3.	4.	5.	6.	7.
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
Transmission Vegetation Management GOAL - Achieve 6-year cycle for vegetation line clearing on transmission circuits. Complete an average of 16% of target circuit miles per year. (2014)	T	Total line clearing maintenance was completed on 276.09 transmission circuit miles in 2014.	276.09 miles average annual mileage goal completed in 2014.	12/31/2014	Complete for 2014	12/31/2014

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

1.	2.	3.	4.	5.	6.	7.
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
Transmission Vegetation Management GOAL - Achieve 6-year cycle for vegetation line clearing on transmission circuits. Complete an average of 16% of target circuit miles per year. (2015)	T	Total line clearing maintenance was completed on 243.22 transmission circuit miles in 2015.	243.22 miles of transmission line vegetation were cleared in 2015.	12/31/2015	Complete for 2015	12/31/2015
URD Cable Replacement GOAL - Complete budgeted cable replacements (2015)	D	116% of needed projects were scheduled. 122,300 feet of new, replacement URD cable was installed. (2015)	Complete for 2015	12/31/2015	Complete for 2015	12/31/2015

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

1.	2.	3.	4.	5.	6.	7.
Program name	Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program finding(s) causing remedial activity	Remedial activity performed	Actual completion date	Remedial activity yet to be performed	Estimated completion date
URD Cable Replacement GOAL - Complete budgeted cable replacements. (2014)	D	100% of needed projects were scheduled. 96,068 feet of new, replacement URD cable was installed. (2014)	Complete for 2014	12/31/2014	Complete for 2014	12/31/2014

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

1.	2.	3.
Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"	Program name	Program goals

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

a.	b.	c.
Transmission or Distribution ("T" or "D")	Program or plan name	Program Description
D	202F8581	Batavia Sub - Repl TB's Trans - 202F8581
D	203D7787	Batavia Sub-Repl TB 1 & TB 2 - 203D7787
D	203D7788	Glen Este Sub-Replace TB 1 - 203D7788
D	AMOH0286	Canal Sub - AMOH0286
D	AMOH0553	New Hope 31 East Conv & Station Rem - AMOH0553
D	AMOH0616	Terminal 58 Reconductor - AMOH0616
D	AMOH0782	New Hope 31 West Conversion - AMOH0782
D	AMOH0805	Brown Sub 22.4MVA Xfmr & 12kV Circ - AMOH0805
D	AMOH0892	N Pole 41 Conv Eagle Creek - AMOH0892
D	AMOH0893	Ced 55 Rep Det Cond Marathon-Edentn - AMOH0893

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

a.	b.	c.
Transmission or Distribution ("T" or "D")	Program or plan name	Program Description
D	AMOH0904	Seven Mile 41 Reconductor - AMOH0904
D	AMOH0966D	Madeira XTR 4 ATO Ckt 43 Upg - AMOH0966D
D	AMOH1007	Liberty-Inst New 13kV Ckts - AMOH1007
D	AMOH1008	Liberty_Inst New 22.4MVA XTR - AMOH1008
D	AMOH1015	BRIDGETOWN 4KV CONV - AMOH1015
D	AMOH1039	Ashland Reco Ckt 48 AMOH1039
D	AMOH1059	Charles Ckt 44_46 OH Rcnfgr - AMOH1059
D	AMOH1060	Charles 45_46 UG Rcnfgr - AMOH1060
D	AMOH1120	Charles Sub L_M_O 4kV Conv - AMOH1120
D	AMOH1138	Linwood 12kV Ckt Upg Cbl OH Reco AMOH 1138

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

a.	b.	c.
Transmission or Distribution ("T" or "D")	Program or plan name	Program Description
D	AMOH1139	Tobasco 43_44 Reco AMOH1139
D	AMOH1140	Felicity 41 Upg Rpl Volt Reg AMOH1140
D	AMOH1284	Oakley P_Reco Ckt 40 AMOH1284
D	X03C7990	Ebenezer 138-34.5kV Xfrmr - X03C7990
T	202D7784	Curliss Sub-Inst 138-69 kV Tr - 202D7784
T	204D7786	Curliss-Batavia 69 kV Line - 204D7786
T	AMOH0494	Rybolt Sub Install XFMR & Loop 69kV - AMOH0494
T	AMOH0971	Red Bank-Upg Fdr 7481 Mtr - AMOH0971
T	AMOH1042	Pierce-Beckjord Fdr1887 Upg - AMOH1042
T	AMOH1367T	Trenton -Collinsville 18 Mi F9064 AMOH1367T

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

a.	b.	c.
Transmission or Distribution ("T" or "D")	Program or plan name	Program Description
T	AMOH1372	F3865 Port Union - AMOH1372
T	BPTLINEPIP	T-Line Pipe Cable Needs Ohio - BPTLINEPIPE
T	TOH1072	Todhunter station: Installation of new 345kV ring bus & reconductor feeder 5680
T	TOH1423	Expansion of Miami Fort 345kV ring bus
T	TOH1504	Installation of new 138kV circuit breakers and reconfiguration of Ebenezer substation to implement new ring bus

Notes

From this point forward, Duke Energy will be reporting only projects that expand system capacity in this section

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

Program Name = 202D7784

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	069/6962	05/22/2011	202D7784	06/01/2016	Curliss Sub-Inst 138-69 kV Tr - 202D7784	01/01/2015

Program Name = 202F8581

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	139/41	09/04/2012	202F8581	06/01/2016	Batavia Sub - Repl TB's Trans - 202F8581	01/01/2015

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

Program Name = 203D7787

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	139/42	08/03/2012	203D7787	06/01/2016	Batavia Sub-Repl TB 1 & TB 2 - 203D7787	01/01/2015

Program Name = 203D7788

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	068/58	06/23/2012	203D7788	06/01/2016	Glen Este Sub-Replace TB 1 - 203D7788	01/01/2015

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

Program Name = 204D7786

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	069/6962	12/20/2011	204D7786	06/01/2016	Curliss-Batavia 69 kV Line - 204D7786	11/21/2014

Program Name = AMOH0286

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	332/43	12/22/2011	AMOH0286	06/01/2016	Canal Sub - AMOH0286	01/01/2015

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

Program Name = AMOH0494

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	068/6864	03/02/2011	AMOH0494	12/31/2015	Rybolt Sub Install XFMR & Loop 69kV - AMOH0494	01/01/2015

Program Name = AMOH0553

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	129/31	11/18/2011	AMOH0553	12/31/2016	New Hope 31 East Conv & Station Rem - AMOH0553	01/01/2015

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

Program Name = AMOH0616

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	017/58	02/04/2011	AMOH0616	06/01/2016	Terminal 58 Reconductor - AMOH0616	01/01/2015

Program Name = AMOH0782

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	129/31	01/03/2013	AMOH0782	12/31/2015	New Hope 31 West Conversion - AMOH0782	01/01/2015

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

Program Name = AMOH0805

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	058/41	05/21/2012	AMOH0805	12/31/2015	Brown Sub 22.4MVA Xfmr & 12kV Circ - AMOH0805	01/01/2015

Program Name = AMOH0892

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	106/41	05/08/2013	AMOH0892	06/01/2014	N Pole 41 Conv Eagle Creek - AMOH0892	02/07/2014

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

Program Name = AMOH0893

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	029/55	01/09/2013	AMOH0893	12/31/2014	Ced 55 Rep Det Cond Marathon-Edentn - AMOH0893	10/22/2014

Program Name = AMOH0904

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	115/41	01/07/2013	AMOH0904	06/01/2014	Seven Mile 41 Reconductor - AMOH0904	05/01/2014

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

Program Name = AMOH0966D

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	257/B	05/13/2014	AMOH0966D	12/31/2016	Madeira XTR 4 ATO Ckt 43 Upg - AMOH0966D	01/01/2015

Program Name = AMOH0971

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	074/7481	06/12/2013	AMOH0971	06/01/2014	Red Bank-Upg Fdr 7481 Mtr - AMOH0971	04/08/2014

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

Program Name = AMOH1007

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	031/43	05/03/2013	AMOH1007	06/01/2015	Liberty-Inst New 13kV Ckts - AMOH1007	01/01/2015

Program Name = AMOH1008

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	031/43	04/24/2013	AMOH1008	06/01/2015	Liberty_Inst New 22.4MVA XTR - AMOH1008	01/01/2015

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

Program Name = AMOH1015

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	093/A	04/13/2013	AMOH1015	12/30/2015	BRIDGETOWN 4KV CONV - AMOH1015	01/01/2015

Program Name = AMOH1039

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	011/48	11/13/2013	AMOH1039	07/15/2015	Ashland Reco Ckt 48 AMOH1039	01/01/2015

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

Program Name = AMOH1042

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	018/1887	06/23/2013	AMOH1042	06/01/2017	Pierce-Beckjord Fdr1887 Upg - AMOH1042	01/01/2015

Program Name = AMOH1059

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	013/44	08/28/2012	AMOH1059	06/01/2015	Charles Ckt 44_46 OH Rcnfgr - AMOH1059	01/01/2015

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

Program Name = AMOH1060

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	013/45	08/28/2012	AMOH1060	06/01/2015	Charles 45_46 UG Rcnfgr - AMOH1060	01/01/2015

Program Name = AMOH1120

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	013/L	06/19/2014	AMOH1120	12/31/2015	Charles Sub L_M_O 4kV Conv - AMOH1120	01/01/2015

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

Program Name = AMOH1138

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	027/41	05/14/2014	AMOH1138	12/31/2017	Linwood 12kV Ckt Upg Cbl OH Reco AMOH 1138	01/01/2015

Program Name = AMOH1139

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	063/43	05/14/2014	AMOH1139	12/31/2016	Tobasco 43_44 Reco AMOH1139	01/01/2015

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

Program Name = AMOH1140

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	359/41	05/14/2014	AMOH1140	12/31/2016	Felicity 41 Upg Rpl Volt Reg AMOH1140	01/01/2015

Program Name = AMOH1284

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	008/40	07/15/2014	AMOH1284	06/01/2016	Oakley P_Reco Ckt 40 AMOH1284	01/01/2015

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

Program Name = AMOH1367T

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	090/9064	09/30/2014	AMOH1367T	09/01/2015	Trenton -Collinsville 18 Mi F9064 AMOH1367T	01/01/2015

Program Name = AMOH1372

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	038/3865	10/16/2013	AMOH1372	12/31/2015	F3865 Port Union - AMOH1372	01/01/2015

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

Program Name = BPTLINEPIP

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	083/8283	06/16/2011	BPTLINEPIP	12/31/2013	T-Line Pipe Cable Needs Ohio - BPTLINEPIPE	01/01/2015

Program Name = X03C7990

a.	b.	c.	d.	e.	f.	g.
Transmission or distribution ("T" or "D")	Sub/Circuit name	Date overloading identified	Plans to remedy overloading	Estimated completion date	Action(s) already taken to remedy overloading	Actual completion date
D	068/58	11/26/2011	X03C7990	12/31/2014	Ebenezer 138-34.5kV Xfrmr - X03C7990 - Project cancelled.	02/16/2015

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Notes

Projects that were not generated as a result of a system overload are being listed as closed in 2015. In future reports, Duke Energy will only report projects generated as a result of an actual system overload in this section.

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

a.	b.
<p style="text-align: center;">Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS"</p>	<p style="text-align: center;">Deleted program name</p>

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

a.	b.
<p style="text-align: center;"> Transmission "T", distribution "D", transmission substation "TS", or distribution substation "DS" </p>	<p style="text-align: center;"> Modified program name </p>

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

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

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

a.	b.	c.	d.	e.	f.	g.
Date of interruption	Time of interruption	Type of entity causing interruption	Name of entity causing the interruption	Impact on transmission or distribution ("T" or "D")	Sub/Circuit(s) interrupted	Cause(s) of interruption of service

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