



Legal Department

American Electric Power
1 Riverside Plaza
Columbus, OH 43215-2373
AEP.com

April 15, 2014

Barcy F. McNeal
Docketing Division Chief
Public Utilities Commission of Ohio
180 East Broad Street
Columbus, Ohio 43215-3793

Steven T. Nourse
Senior Counsel –
Regulatory Services
(614) 716-1608 (P)
(614) 716-2014 (F)
stnourse@aep.com

RE: *In the Matter of the Long-Term Forecast Report of AEP Ohio and Related Matters, Case No. 14-501-EL-FOR.*

Dear Ms. McNeal:

I am submitting the enclosed 2014 Long-Term Forecast Report (LTFR) on behalf of AEP Ohio (or Ohio Power Company), pursuant to Section 4935.04, Ohio Revised Code. I have sent a copy of AEP Ohio's 2014 LTFR to the Office of the Ohio Consumers' Counsel in accordance with Rule 4901:5-1-03(F), Ohio Administrative Code.

Thank you for your attention to this matter.

Respectfully Submitted,

/s/ Steven T. Nourse
Steven T. Nourse

AEP OHIO

LONG-TERM FORECAST REPORT

TO THE

PUBLIC UTILITIES COMMISSION OF OHIO

Case No. 14-501-EL-FOR

2014

ELECTRIC

**LONG-TERM FORECAST REPORT
TO THE
PUBLIC UTILITIES COMMISSION OF OHIO**

Submitted by

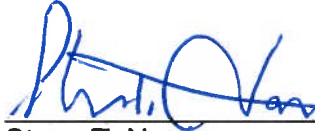
**AEP Ohio
850 Tech Center Drive
Gahanna, Ohio 43230
Telephone: (614) 716-1000**

April 15, 2014

CERTIFICATE OF SERVICE

I hereby certify that:

1. Pursuant to Section 4901:5-1-03(F), Ohio Administrative Code, copies of AEP Ohio's 2014 Long-Term Forecast Report have been delivered or mailed to the Office of Consumers' Counsel on the day of the filing;
2. Pursuant to Section 4901:5-1-03(G), Ohio Administrative Code, a letter of notification stating where copies of AEP Ohio's 2014 Long-Term Forecast Report to the Public Utilities Commission of Ohio may be obtained, will be sent by first class mail to the appropriate county libraries within three days of filing;
3. Pursuant to Section 4901:5-1-03(H), Ohio Administrative Code, AEP Ohio will keep at least one copy of its 2014 Long-Term Forecast Report at their principal business office for public inspection during business hours; and
4. Pursuant to Section 4901:5-1-03(I), Ohio Administrative Code, AEP Ohio will provide a copy of its 2014 Long-Term Forecast Report to any person upon request at a cost to cover the expenses incurred.



Steve T. Nourse
American Electric Power Service Corporation
1 Riverside Plaza
Columbus, Ohio 43215
(614) 716-1608
Attorney for Ohio Power Company

April 15, 2014

Dated this day in Columbus, Ohio

**STATEMENT PURSUANT TO SECTION 4901:5-1-03(D),
OHIO ADMINISTRATIVE CODE**

AEP Ohio's 2014 Long-Term Forecast Report is true and correct to the best of my knowledge and belief.



**Gary Spitznogle
Vice President - Regulatory and Finance
AEP Ohio**

**April 15, 2014
Dated this day in Columbus, Ohio**

AEP OHIO LTFR
TRANSMISSION FORMS
Case No. 14-501-EL-FOR

Company: AEP Ohio
PUCO Form FE-T1:
Transmission Energy Delivery Forecast
(Megawatt-Hours Per Year)^a

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	(1)	(2)	(1)+(2)	(4)	(5)	(4)+(5)	(3)+(6)	(8)	(9)	(8)+(9)	(7)+(10)	(12)	(11)+(12)
	Energy Receipts from Generation Sources	Energy Receipts from Generation Sources Connected to the System	Total Energy Receipts from Generation Sources	Energy Receipts at Interconnections with Other Companies Inside Ohio	Energy Receipts at Interconnections with Other Companies Outside Ohio	Total Energy Receipts at Interconnections	Total Energy Receipts	Energy Deliveries at Interconnections with Other Companies Inside Ohio	Energy Deliveries at Interconnections with Other Companies Outside Ohio	Total Energy Deliveries at Interconnections	Total Energy Deliveries For Load Connected to the System	Energy Deliveries For Load Connected to the System Inside Ohio	Energy Deliveries For Load Connected to the System Outside Ohio
Year	Inside Ohio	Outside Ohio		Ohio	Outside Ohio	Ohio		Ohio	Outside Ohio			Ohio	Outside Ohio
-5	2009	54,221,404	16,588,653	70,810,057	40,175,238	42,939,268	83,114,506	47,155,290	48,470,441	95,625,731	58,298,832	56,307,890	1,990,942
-4	2010	54,566,240	18,858,348	73,424,588	42,965,793	39,788,711	82,754,504	49,329,813	46,478,064	95,807,877	60,371,215	58,158,078	2,213,137
-3	2011	55,388,901	15,397,385	70,786,286	42,987,850	44,517,416	87,505,266	52,323,186	45,977,606	98,300,792	59,990,760	57,798,119	2,192,641
-2	2012	58,678,255	13,729,075	72,407,330	14,199,917	38,654,963	52,854,880	20,519,111	42,755,379	63,274,490	61,987,720	59,417,508	2,570,212
-1	2013	60,983,323	12,352,465	73,335,788	15,874,190	34,114,747	49,983,937	22,826,767	40,565,451	63,392,218	59,932,507	57,178,595	2,753,912
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a. To be filled out by electric transmission owners operating in Ohio.

Notes

1. Historical data based on metered quantities.
2. Data excludes TDUs (transmission-dependent-utilities) wholly within Company's control area.
3. With regard to interconnections with multistate utilities (e.g. Duke, First Energy), the location of the meter, inside/outside Ohio, was the determining factor for columns (4) & (5) data.

Company: AEP System - East Zone
PUCO Form FE-T1:

Transmission Energy Delivery Forecast
(Megawatt-Hours Per Year)^a

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
		(1)+(2)			(4)+(5)	(3)+(6)			(8)+(9)	(7)-(10)		(11)-(12)
Year	Energy Receipts from Generation Sources Connected to the Owner's System Inside Ohio	Energy Receipts from Generation Sources Connected to the System Outside Ohio	Energy Receipts at Interconnections with Transmission Companies Inside Ohio	Energy Receipts at Interconnections with Transmission Companies Outside Ohio	Total Energy Receipts at Interconnections	Total Energy Receipts	Energy Deliveries at Interconnections with Other Transmission Companies Inside Ohio	Energy Deliveries at Interconnections with Other Transmission Companies Outside Ohio	Total Energy Deliveries at Interconnections	Total Energy Deliveries For Load Connected to the System	Energy Deliveries For Loads Connected to the System Inside Ohio	Energy Deliveries For Loads Connected to the System Outside Ohio
-5	2009	0	0	0	0	77,871,790	235,335,804	0	0	92,859,054	142,476,750	0
-4	2010	0	0	0	0	89,525,915	222,316,436	0	0	90,164,235	132,152,201	0
-3	2011	0	0	0	0	80,520,230	224,732,401	0	0	88,854,792	135,877,609	0
-2	2012	56,053,291	89,471,151	14,199,917	57,221,524	71,421,441	216,945,883	20,519,111	61,575,090	82,094,201	134,851,682	75,434,174
-1	2013	60,983,323	78,043,120	15,929,882	56,476,433	72,406,315	211,432,758	22,882,459	56,250,427	79,132,886	132,299,872	78,269,126
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a. To be filled out by electric transmission owners operating in Ohio.

Notes

1. Historical data based on metered quantities.

2. Data excludes TDUs (transmission-dependent-utilities) wholly within Company's control area.

PUCO FORM FE-T2: AEP OHIO (OHIO SERVICE AREA)
SYSTEM SEASONAL PEAK LOAD DEMAND FORECAST
(Megawatts)(a)

		Native Load(b)		Total Load(c)	
	<u>Year</u>	<u>Summer</u>	<u>Winter(d)</u>	<u>Summer</u>	<u>Winter(d)</u>
-5	2009	9,991	9,034	10,037	9,080
-4	2010	10,674	9,322	10,756	9,369
-3	2011	11,444	8,945	11,449	9,027
-2	2012	10,964	9,069	11,001	9,207
-1	2013	10,519	8,178	10,546	8,339
0	2014	9,603	8,186	9,750	8,347
1	2015	9,713	8,329	9,713	8,329
2	2016	9,672	8,339	9,672	8,339
3	2017	9,687	8,346	9,687	8,346
4	2018	9,714	8,326	9,714	8,326
5	2019	9,695	8,264	9,695	8,264
6	2020	9,646	8,267	9,646	8,267
7	2021	9,658	8,262	9,658	8,262
8	2022	9,669	8,285	9,669	8,285
9	2023	9,674	8,280	9,674	8,280
10	2024	9,696	8,331	9,696	8,331

- a. To be filled out by electric transmission owners in Ohio.
- b. Excludes interruptible load.
- c. Includes interruptible load.
- d. Winter load reference is to peak loads for the winter following the summer peak load.

PUCO FORM FE-T2: AEP OHIO
SYSTEM SEASONAL PEAK LOAD DEMAND FORECAST
(Megawatts)(a)

		Native Load(b)		Total Load(c)	
	<u>Year</u>	<u>Summer</u>	<u>Winter(d)</u>	<u>Summer</u>	<u>Winter(d)</u>
-5	2009	10,296	9,312	10,342	9,358
-4	2010	11,034	9,644	11,116	9,691
-3	2011	11,781	9,239	11,786	9,321
-2	2012	11,256	9,467	11,293	9,605
-1	2013	10,901	8,619	10,928	8,780
0	2014	9,603	8,186	9,750	8,347
1	2015	9,713	8,329	9,713	8,329
2	2016	9,672	8,339	9,672	8,339
3	2017	9,687	8,346	9,687	8,346
4	2018	9,714	8,326	9,714	8,326
5	2019	9,695	8,264	9,695	8,264
6	2020	9,646	8,267	9,646	8,267
7	2021	9,658	8,262	9,658	8,262
8	2022	9,669	8,285	9,669	8,285
9	2023	9,674	8,280	9,674	8,280
10	2024	9,696	8,331	9,696	8,331

a. To be filled out by electric transmission owners in Ohio.

b. Excludes interruptible load.

c. Includes interruptible load.

d. Winter load reference is to peak loads for the winter following the summer peak load.

Note: Wheeling Power Company ceased being a customer of AEP Ohio (1/1/14).

PUCO FORM FE-T2: AEP SYSTEM - EAST ZONE

**TRANSMISSION SYSTEM SEASONAL PEAK LOAD DEMAND FORECAST
(Megawatts)(a)**

		Native Load(b)		Total Load(c)	
	<u>Year</u>	<u>Summer</u>	<u>Winter(d)</u>	<u>Summer</u>	<u>Winter(d)</u>
-5	2009	21,474	22,060	21,887	22,473
-4	2010	23,154	22,342	23,508	22,894
-3	2011	24,333	21,089	24,543	21,587
-2	2012	23,180	21,672	23,320	22,071
-1	2013	22,712	20,922	22,881	21,300
0	2014	21,607	20,957	22,128	21,335
1	2015	21,731	20,888	22,113	21,266
2	2016	21,684	20,941	22,066	21,319
3	2017	21,713	20,950	22,095	21,328
4	2018	21,757	20,950	22,139	21,328
5	2019	21,776	20,875	22,158	21,253
6	2020	21,753	20,961	22,135	21,339
7	2021	21,853	21,005	22,235	21,383
8	2022	21,936	21,051	22,318	21,429
9	2023	21,980	21,049	22,362	21,427
10	2024	22,038	21,191	22,420	21,569

- a. To be filled out by electric transmission owners in Ohio.
- b. Excludes interruptible load.
- c. Includes interruptible load.
- d. Winter load reference is to peak loads for the winter following the summer peak load.

PUCO FORM FE-T3: AEP OHIO**TOTAL MONTHLY ENERGY FORECAST
(MEGAWATT-HOURS/MONTH)**

<u>Year 0 (d)</u>	<u>Ohio Portion(a)</u>	<u>Total Service Area(b)</u>	<u>AEP System (c)</u>
January	5,002	5,002	12,443
February	4,401	4,401	10,779
March	4,455	4,455	10,704
April	3,954	3,954	9,519
May	4,129	4,129	9,755
June	4,485	4,485	10,564
July	5,090	5,090	11,710
August	4,885	4,885	11,514
September	4,170	4,170	9,941
October	4,088	4,088	9,803
November	4,182	4,182	10,200
December	4,746	4,746	11,758

Year 1

January	5,004	5,004	12,440
February	4,420	4,420	10,811
March	4,490	4,490	10,768
April	3,968	3,968	9,540
May	4,128	4,128	9,742
June	4,488	4,488	10,593
July	5,067	5,067	11,690
August	4,872	4,872	11,508
September	4,166	4,166	9,943
October	4,071	4,071	9,773
November	4,193	4,193	10,240
December	4,733	4,733	11,751

- a. Electric transmission owner shall provide or cause to be provided for the Ohio portions of its service area in this column.
- b. Electric transmission owner operating across Ohio boundaries shall provide or cause to be provided data for the total service area in this column.
- c. Electric transmission owner operating as a part of an integrated operating system shall provide for the total system in this column.
- d. Actual data shall be indicated with an asterisk (*).

Note: Wheeling Power Company ceased being a customer of AEP Ohio (1/1/14).

PUCO FORM FE-T4: AEP OHIO
MONTHLY PEAK INTERNAL LOAD (1) FORECAST
(Megawatts)

<u>Year 0 (d)</u>	<u>Ohio Portion (a)</u>	<u>Total Service Area (b)</u>	<u>AEP System (c)</u>
January	8,339	8,339	21,300
February	8,058	8,058	21,114
March	7,409	7,409	18,627
April	6,750	6,750	16,733
May	7,834	7,834	17,277
June	8,833	8,833	20,013
July	9,731	9,731	21,910
August	9,750	9,750	22,128
September	8,577	8,577	19,462
October	6,836	6,836	16,476
November	7,131	7,131	17,880
December	7,699	7,699	19,657

Year 1

January	8,347	8,347	21,335
February	8,073	8,073	21,159
March	7,430	7,430	18,679
April	6,768	6,768	16,762
May	7,814	7,814	17,264
June	8,782	8,782	19,974
July	9,691	9,691	21,885
August	9,713	9,713	22,113
September	8,538	8,538	19,443
October	6,834	6,834	16,474
November	7,107	7,107	17,865
December	7,698	7,698	19,636

- a. Electric transmission owner shall provide or cause to be provided for the Ohio portions of its service area in this column.
 - b. Electric transmission owner operating across Ohio boundaries shall provide or cause to be provided data for the total service area in this column.
 - c. Electric transmission owner operating as a part of an integrated operating system shall provide for the total system in this column.
 - d. Actual data shall be indicated with an asterisk (*).
1. Data reflect monthly peak internal load for the transmission system.
Note: Wheeling Power Company ceased being a customer of AEP Ohio (1/1/14).

Company: AEP Ohio
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part A: Sources of Energy

Reporting Month: January 2013

1. Energy Receipts From All Sources by Type: (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system ^b			6,411,016
Energy Receipts from other sources			5,077,770
Total Energy Receipts			11,488,786

Reporting Month: February 2013

1. Energy Receipts From All Sources by Type: (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system ^b			6,241,063
Energy Receipts from other sources			4,024,095
Total Energy Receipts			10,265,158

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

b. Includes power plants (IPPs) of non-affiliated companies.

Company: AEP Ohio
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part A: Sources of Energy

Reporting Month: March 2013

1. Energy Receipts From All Sources by Type: (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system ^b			6,723,620
Energy Receipts from other sources			4,321,438
Sources minus Delivery ^a			
Total Energy Receipts			11,045,058

Reporting Month: April 2013

1. Energy Receipts From All Sources by Type: (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system ^b			5,683,889
Energy Receipts from other sources			3,465,450
Total Energy Receipts			9,149,339

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

b. Includes power plants (IPPs) of non-affiliated companies.

Company: AEP Ohio
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part A: Sources of Energy

Reporting Month: May 2013

1. Energy Receipts From All Sources by Type: (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system ^b			5,687,261
Energy Receipts from other sources			3,767,418
Total Energy Receipts			9,454,679

Reporting Month: June 2013

1. Energy Receipts From All Sources by Type: (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system ^b			5,739,371
Energy Receipts from other sources			4,290,723
Total Energy Receipts			10,030,094

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

b. Includes power plants (IPPs) of non-affiliated companies.

Company: AEP Ohio
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part A: Sources of Energy
Reporting Month: July 2013

1. Energy Receipts From All Sources by Type: (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system ^b			6,672,769
Energy Receipts from other sources			5,088,608
Total Energy Receipts			11,761,377

Reporting Month: August 2013

1. Energy Receipts From All Sources by Type: (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system ^b			6,967,698
Energy Receipts from other sources			3,626,564
Total Energy Receipts			10,594,262

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

b. Includes power plants (IPPs) of non-affiliated companies.

Company: AEP Ohio
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part A: Sources of Energy

Reporting Month: September 2013

1. Energy Receipts From All Sources by Type: (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system ^b			5,256,140
Energy Receipts from other sources			3,435,647
Total Energy Receipts			8,691,787

Reporting Month: October 2013

1. Energy Receipts From All Sources by Type: (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system ^b			5,724,023
Energy Receipts from other sources			3,666,225
Total Energy Receipts			9,390,248

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

b. Includes power plants (IPPs) of non-affiliated companies.

Company: AEP Ohio
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part A: Sources of Energy

Reporting Month: November 2013

1. Energy Receipts From All Sources by Type: (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system ^b			5,538,381
Energy Receipts from other sources			4,408,038
Total Energy Receipts			9,946,419

Reporting Month: December 2013

1. Energy Receipts From All Sources by Type: (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system ^b			6,690,557
Energy Receipts from other sources			4,816,959
Total Energy Receipts			11,507,516

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

b. Includes power plants (IPPs) of non-affiliated companies.

Company: AEP Ohio
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part B: Delivery of Energy

Reporting Month: January 2013

1. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution Service:			
Affiliated Electric Utility Companies ^b			4,321,298
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric Systems			562,820
Municipal-Owned Electric Systems			274,049
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			5,970,844
Total Energy Deliveries			11,129,011

Reporting Month: January 2013

2. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System Located in Ohio (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			4,068,986
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			562,820
Municipally-Owned Electric Systems			274,049
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			2,125,972
Total Energy Deliveries			7,031,827

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

b. Includes deliveries to Wheeling Power, an AEP System affiliate.

Company: AEP Ohio
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part B: Delivery of Energy

Reporting Month: February 2013

1. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution Service:			
Affiliated Electric Utility Companies ^b			3,761,377
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric Systems			522,154
Municipal-Owned Electric Systems			250,103
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			5,237,813
Total Energy Deliveries			9,771,447

Reporting Month: February 2013

2. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System Located in Ohio (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			3,544,793
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			522,154
Municipally-Owned Electric Systems			250,103
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			1,673,075
Total Energy Deliveries			5,990,125

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

b. Includes deliveries to Wheeling Power, an AEP System affiliate.

Company: AEP Ohio
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part B: Delivery of Energy

Reporting Month: March 2013

1. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution Service:			
Affiliated Electric Utility Companies ^b			4,389,051
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric Systems			534,566
Municipal-Owned Electric Systems			258,718
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			5,859,772
Total Energy Deliveries			11,042,107

Reporting Month: March 2013

2. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System Located in Ohio (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			4,154,418
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			534,566
Municipally-Owned Electric Systems			258,718
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			1,982,469
Total Energy Deliveries			6,930,171

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

b. Includes deliveries to Wheeling Power, an AEP System affiliate.

Company: AEP Ohio
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part B: Delivery of Energy

Reporting Month: April 2013

1. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution Service:			
Affiliated Electric Utility Companies ^b			3,474,972
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric Systems			423,625
Municipal-Owned Electric Systems			241,647
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			4,627,357
Total Energy Deliveries			8,767,601

Reporting Month: April 2013

2. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System Located in Ohio (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			3,251,821
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			423,625
Municipally-Owned Electric Systems			241,647
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			1,874,089
Total Energy Deliveries			5,791,182

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

b. Includes deliveries to Wheeling Power, an AEP System affiliate.

Company: AEP Ohio
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part B: Delivery of Energy

Reporting Month: May 2013

1. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution Service:			
Affiliated Electric Utility Companies ^b			3,923,141
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric Systems			418,487
Municipal-Owned Electric Systems			257,378
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			4,676,048
Total Energy Deliveries			9,275,054

Reporting Month: May 2013

2. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System Located in Ohio (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			3,701,440
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			418,487
Municipally-Owned Electric Systems			257,378
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			1,752,883
Total Energy Deliveries			6,130,188

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

b. Includes deliveries to Wheeling Power, an AEP System affiliate.

Company: AEP Ohio
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part B: Delivery of Energy

Reporting Month: June 2013

1. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution Service:			
Affiliated Electric Utility Companies ^b			4,010,165
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric Systems			437,286
Municipal-Owned Electric Systems			267,026
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			4,989,346
Total Energy Deliveries			9,703,823

Reporting Month: June 2013

2. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System Located in Ohio (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			3,785,809
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			437,286
Municipally-Owned Electric Systems			267,026
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			1,932,987
Total Energy Deliveries			6,423,108

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

b. Includes deliveries to Wheeling Power, an AEP System affiliate.

Company: AEP Ohio
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Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part B: Delivery of Energy

Reporting Month: July 2013

1. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution Service:			
Affiliated Electric Utility Companies ^b			4,399,855
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric Systems			482,801
Municipal-Owned Electric Systems			285,460
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			6,238,367
Total Energy Deliveries			11,406,483

Reporting Month: July 2013

2. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System Located in Ohio (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			4,147,287
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			482,801
Municipally-Owned Electric Systems			285,460
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			2,335,451
Total Energy Deliveries			7,250,999

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

b. Includes deliveries to Wheeling Power, an AEP System affiliate.

Company: AEP Ohio
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part B: Delivery of Energy

Reporting Month: August 2013

1. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution Service:			
Affiliated Electric Utility Companies ^b			4,197,134
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric Systems			478,528
Municipal-Owned Electric Systems			290,911
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			5,342,152
Total Energy Deliveries			10,308,725

Reporting Month: August 2013

2. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System Located in Ohio (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			3,940,807
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			478,528
Municipally-Owned Electric Systems			290,911
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			2,147,592
Total Energy Deliveries			6,857,838

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

b. Includes deliveries to Wheeling Power, an AEP System affiliate.

Company: AEP Ohio
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part B: Delivery of Energy

Reporting Month: September 2013

1. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution Service:			
Affiliated Electric Utility Companies ^b			3,738,894
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric Systems			415,507
Municipal-Owned Electric Systems			258,622
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			4,029,681
Total Energy Deliveries			8,442,704

Reporting Month: September 2013

2. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System Located in Ohio (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			3,516,650
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			415,507
Municipally-Owned Electric Systems			258,622
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			1,772,590
Total Energy Deliveries			5,963,369

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

b. Includes deliveries to Wheeling Power, an AEP System affiliate.

Company: AEP Ohio
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part B: Delivery of Energy

Reporting Month: October 2013

1. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution Service:			
Affiliated Electric Utility Companies ^b			3,591,676
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric Systems			429,042
Municipal-Owned Electric Systems			255,116
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			4,841,718
Total Energy Deliveries			9,117,552

Reporting Month: October 2013

2. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System Located in Ohio (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			3,377,334
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			429,042
Municipally-Owned Electric Systems			255,116
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			1,711,578
Total Energy Deliveries			5,773,070

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

b. Includes deliveries to Wheeling Power, an AEP System affiliate.

Company: AEP Ohio
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part B: Delivery of Energy

Reporting Month: November 2013

1. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution Service:			
Affiliated Electric Utility Companies ^b			3,651,957
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric Systems			493,996
Municipal-Owned Electric Systems			250,762
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			5,269,166
Total Energy Deliveries			9,665,881

Reporting Month: November 2013

2. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System Located in Ohio (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			3,439,147
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			493,996
Municipally-Owned Electric Systems			250,762
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			1,597,898
Total Energy Deliveries			5,781,803

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

b. Includes deliveries to Wheeling Power, an AEP System affiliate.

Company: AEP Ohio
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part B: Delivery of Energy

Reporting Month: December 2013

1. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution Service:			
Affiliated Electric Utility Companies ^b			4,023,466
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric Systems			559,802
Municipal-Owned Electric Systems			261,829
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			6,309,955
Total Energy Deliveries			11,155,052

Reporting Month: December 2013

2. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System Located in Ohio (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			3,793,779
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			559,802
Municipally-Owned Electric Systems			261,829
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			1,920,183
Total Energy Deliveries			6,535,593

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

b. Includes deliveries to Wheeling Power, an AEP System affiliate.

Company: AEP Ohio
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part C: Losses and Unaccounted For (MWh)

Reporting Month: January 2013

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			359,775

Reporting Month: February 2013

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			493,711

Reporting Month: March 2013

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			2,951

a. FE-T5 Part A minus FE-T5 Part B (1).

1. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

Company: AEP Ohio
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part C: Losses and Unaccounted For (MWh)

Reporting Month: April 2013

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			381,738

Reporting Month: May 2013

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			179,625

Reporting Month: June 2013

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			326,271

a. FE-T5 Part A minus FE-T5 Part B (1).

1. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

Company: AEP Ohio
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part C: Losses and Unaccounted For (MWh)

Reporting Month: July 2013

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			354,894

Reporting Month: August 2013

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			285,537

Reporting Month: September 2013

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			249,083

a. FE-T5 Part A minus FE-T5 Part B (1).

1. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

Company: AEP Ohio
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part C: Losses and Unaccounted For (MWh)

Reporting Month: October 2013

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			272,696

Reporting Month: November 2013

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			280,538

Reporting Month: December 2013

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			352,464

a. FE-T5 Part A minus FE-T5 Part B (1).

1. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

Company: AEP System - East Zone
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part A: Sources of Energy
Reporting Month: January 2013

1. Energy Receipts From All Sources by Type: (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system ^b			13,292,193
Energy Receipts from other sources			6,626,214
Total Energy Receipts			19,918,407

Reporting Month: February 2013

1. Energy Receipts From All Sources by Type: (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system ^b			11,578,426
Energy Receipts from other sources			6,391,912
Total Energy Receipts			17,970,338

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

b. Includes power plants (IPPs) of non-affiliated companies.

Company: AEP System - East Zone
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part A: Sources of Energy
Reporting Month: March 2013

1. Energy Receipts From All Sources by Type: (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system ^b			12,066,505
Energy Receipts from other sources			6,881,413
Sources minus Delivery ^a			
Total Energy Receipts			18,947,918

Reporting Month: April 2013

1. Energy Receipts From All Sources by Type: (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system ^b			9,642,921
Energy Receipts from other sources			5,848,616
Total Energy Receipts			15,491,537

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

b. Includes power plants (IPPs) of non-affiliated companies.

Company: AEP System - East Zone
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part A: Sources of Energy
Reporting Month: May 2013

1. Energy Receipts From All Sources by Type: (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system ^b			9,942,548
Energy Receipts from other sources			6,563,694
Total Energy Receipts			16,506,242

Reporting Month: June 2013

1. Energy Receipts From All Sources by Type: (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system ^b			11,260,062
Energy Receipts from other sources			6,596,295
Total Energy Receipts			17,856,357

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

b. Includes power plants (IPPs) of non-affiliated companies.

Company: AEP System - East Zone
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part A: Sources of Energy
Reporting Month: July 2013

1. Energy Receipts From All Sources by Type: (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system ^b			13,021,787
Energy Receipts from other sources			6,542,907
Total Energy Receipts			19,564,694

Reporting Month: August 2013

1. Energy Receipts From All Sources by Type: (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system ^b			12,873,750
Energy Receipts from other sources			5,237,232
Total Energy Receipts			18,110,982

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

b. Includes power plants (IPPs) of non-affiliated companies.

Company: AEP System - East Zone
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part A: Sources of Energy

Reporting Month: September 2013

1. Energy Receipts From All Sources by Type: (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system ^b			10,670,251
Energy Receipts from other sources			5,220,233
Total Energy Receipts			15,890,484

Reporting Month: October 2013

1. Energy Receipts From All Sources by Type: (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system ^b			10,171,550
Energy Receipts from other sources			5,555,647
Total Energy Receipts			15,727,197

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

b. Includes power plants (IPPs) of non-affiliated companies.

Company: AEP System - East Zone
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part A: Sources of Energy
Reporting Month: November 2013

1. Energy Receipts From All Sources by Type: (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system ^b			10,878,090
Energy Receipts from other sources			5,572,303
Total Energy Receipts			16,450,393

Reporting Month: December 2013

1. Energy Receipts From All Sources by Type: (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system ^b			13,628,360
Energy Receipts from other sources			5,369,848
Total Energy Receipts			18,998,208

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

b. Includes power plants (IPPs) of non-affiliated companies.

Company: AEP System - East Zone
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part B: Delivery of Energy

Reporting Month: January 2013

1. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution Service:			
Affiliated Electric Utility Companies			10,056,530
Other Investor-Owned Electric Utilities			59,232
Cooperative-Owned Electric Systems			687,509
Municipal-Owned Electric Systems			728,454
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			7,519,520
Total Energy Deliveries			19,051,245

Reporting Month: January 2013

2. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System Located in Ohio (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			
Municipally-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service			
For Non Distribution Service (Transmission to Transmission Service)			
Sources minus Delivery ^a			

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

Company: AEP System - East Zone
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part B: Delivery of Energy

Reporting Month: February 2013

1. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution Service:			
Affiliated Electric Utility Companies			9,116,851
Other Investor-Owned Electric Utilities			54,726
Cooperative-Owned Electric Systems			638,081
Municipal-Owned Electric Systems			655,762
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			6,667,181
Total Energy Deliveries			17,132,601

Reporting Month: February 2013

2. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System Located in Ohio (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			
Municipally-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service			
For Non Distribution Service (Transmission to Transmission Service)			
Total Energy Deliveries			

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

Company: AEP System - East Zone
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part B: Delivery of Energy

Reporting Month: March 2013

1. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution Service:			
Affiliated Electric Utility Companies			10,106,950
Other Investor-Owned Electric Utilities			56,701
Cooperative-Owned Electric Systems			653,537
Municipal-Owned Electric Systems			682,247
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			7,161,776
Total Energy Deliveries			18,661,211

Reporting Month: March 2013

2. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System Located in Ohio (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			
Municipally-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service			
For Non Distribution Service (Transmission to Transmission Service)			
Total Energy Deliveries			

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

Company: AEP System - East Zone
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part B: Delivery of Energy

Reporting Month: April 2013

1. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution Service:			
Affiliated Electric Utility Companies			7,904,985
Other Investor-Owned Electric Utilities			40,487
Cooperative-Owned Electric Systems			524,812
Municipal-Owned Electric Systems			599,749
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			5,615,705
Total Energy Deliveries			14,685,738

Reporting Month: April 2013

2. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System Located in Ohio (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			
Municipally-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service			
For Non Distribution Service (Transmission to Transmission Service)			
Total Energy Deliveries			

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

Company: AEP System - East Zone
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part B: Delivery of Energy

Reporting Month: May 2013

1. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution Service:			
Affiliated Electric Utility Companies			8,681,098
Other Investor-Owned Electric Utilities			38,843
Cooperative-Owned Electric Systems			537,736
Municipal-Owned Electric Systems			616,548
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			6,197,094
Total Energy Deliveries			16,071,319

Reporting Month: May 2013

2. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System Located in Ohio (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			
Municipally-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service			
For Non Distribution Service (Transmission to Transmission Service)			
Total Energy Deliveries			

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

Company: AEP System - East Zone
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part B: Delivery of Energy

Reporting Month: June 2013

1. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution Service:			
Affiliated Electric Utility Companies			8,791,318
Other Investor-Owned Electric Utilities			39,799
Cooperative-Owned Electric Systems			557,665
Municipal-Owned Electric Systems			660,066
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			7,051,750
Total Energy Deliveries			17,100,598

Reporting Month: June 2013

2. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System Located in Ohio (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			
Municipally-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service			
For Non Distribution Service (Transmission to Transmission Service)			
Total Energy Deliveries			

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

Company: AEP System - East Zone
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part B: Delivery of Energy

Reporting Month: July 2013

1. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution Service:			
Affiliated Electric Utility Companies			9,679,660
Other Investor-Owned Electric Utilities			44,644
Cooperative-Owned Electric Systems			602,591
Municipal-Owned Electric Systems			715,421
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			7,760,337
Total Energy Deliveries			18,802,653

Reporting Month: July 2013

2. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System Located in Ohio (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			
Municipally-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service			
For Non Distribution Service (Transmission to Transmission Service)			
Total Energy Deliveries			

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

Company: AEP System - East Zone
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part B: Delivery of Energy

Reporting Month: August 2013

1. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution Service:			
Affiliated Electric Utility Companies			9,442,692
Other Investor-Owned Electric Utilities			42,227
Cooperative-Owned Electric Systems			603,249
Municipal-Owned Electric Systems			718,042
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			6,764,816
Total Energy Deliveries			17,571,026

Reporting Month: August 2013

2. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System Located in Ohio (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			
Municipally-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service			
For Non Distribution Service (Transmission to Transmission Service)			
Total Energy Deliveries			

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

Company: AEP System - East Zone
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part B: Delivery of Energy

Reporting Month: September 2013

1. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution Service:			
Affiliated Electric Utility Companies			8,276,534
Other Investor-Owned Electric Utilities			37,374
Cooperative-Owned Electric Systems			535,149
Municipal-Owned Electric Systems			636,196
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			5,784,818
Total Energy Deliveries			15,270,071

Reporting Month: September 2013

2. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System Located in Ohio (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			
Municipally-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service			
For Non Distribution Service (Transmission to Transmission Service)			
Total Energy Deliveries			

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

Company: AEP System - East Zone
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part B: Delivery of Energy

Reporting Month: October 2013

1. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution Service:			
Affiliated Electric Utility Companies			8,308,291
Other Investor-Owned Electric Utilities			40,472
Cooperative-Owned Electric Systems			541,185
Municipal-Owned Electric Systems			626,607
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			5,671,244
Total Energy Deliveries			15,187,799

Reporting Month: October 2013

2. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System Located in Ohio (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			
Municipally-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service			
For Non Distribution Service (Transmission to Transmission Service)			
Total Energy Deliveries			

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

Company: AEP System - East Zone
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part B: Delivery of Energy

Reporting Month: November 2013

1. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution Service:			
Affiliated Electric Utility Companies			8,790,056
Other Investor-Owned Electric Utilities			49,893
Cooperative-Owned Electric Systems			625,460
Municipal-Owned Electric Systems			643,362
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			5,785,246
Total Energy Deliveries			15,894,017

Reporting Month: November 2013

2. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System Located in Ohio (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			
Municipally-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service			
For Non Distribution Service (Transmission to Transmission Service)			
Total Energy Deliveries			

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

Company: AEP System - East Zone
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part B: Delivery of Energy

Reporting Month: December 2013

1. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution Service:			
Affiliated Electric Utility Companies			9,548,926
Other Investor-Owned Electric Utilities			58,079
Cooperative-Owned Electric Systems			690,710
Municipal-Owned Electric Systems			702,190
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			7,153,400
Total Energy Deliveries			18,153,305

Reporting Month: December 2013

2. Energy Deliveries to All Points Connected to the Electric Transmission Owner's System Located in Ohio (MWh)^a

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			
Municipally-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service			
For Non Distribution Service (Transmission to Transmission Service)			
Total Energy Deliveries			

a. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

Company: AEP System - East Zone
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part C: Losses and Unaccounted For (MWh)

Reporting Month: January 2013

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			867,162

Reporting Month: February 2013

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			837,737

Reporting Month: March 2013

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			286,707

a. FE-T5 Part A minus FE-T5 Part B (1).

1. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

Company: AEP System - East Zone
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part C: Losses and Unaccounted For (MWh)

Reporting Month: April 2013

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			805,799

Reporting Month: May 2013

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			434,923

Reporting Month: June 2013

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			755,759

a. FE-T5 Part A minus FE-T5 Part B (1).

1. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

Company: AEP System - East Zone
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part C: Losses and Unaccounted For (MWh)

Reporting Month: July 2013

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			762,041

Reporting Month: August 2013

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			539,956

Reporting Month: September 2013

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			620,413

a. FE-T5 Part A minus FE-T5 Part B (1).

1. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

Company: AEP System - East Zone
PUCO Form FE-T5
Monthly Energy Transactions For the Most Recent Year
(Total MWh/Month)

Part C: Losses and Unaccounted For (MWh)

Reporting Month: October 2013

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			539,398

Reporting Month: November 2013

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			556,376

Reporting Month: December 2013

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			844,903

a. FE-T5 Part A minus FE-T5 Part B (1).

1. All data based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

Company: AEP Ohio
PUCO Form FE-T6
Conditions at Time of Monthly Peak
(Megawatts)

Date Mo/Day/Yr	Time Hr/Min	Peak MWs	Scheduled Transmission Outages (Y/N)	Unscheduled Transmission Outages (Y/N)	Emergency Operating Procedures (Y/N)
1/22/2013	1900	8085	Y	Y	Y
2/19/2013	1900	7566	Y	Y	N
3/15/2013	1600	7055	Y	Y	N
4/10/2013	1200	6679	Y	Y	N
5/30/2013	1500	8228	Y	Y	Y
6/25/2013	1400	8792	Y	Y	Y
7/17/2013	1600	9385	Y	Y	Y
8/30/2013	1600	8253	Y	Y	N
9/10/2013	1500	9293	Y	Y	Y
10/4/2013	1400	6941	Y	Y	Y
11/25/2013	800	6800	Y	Y	Y
12/12/2013	1900	7595	Y	Y	Y

1. All dates and times are in EST.

Company: AEP System - East Zone
PUCO Form FE-T6
Conditions at Time of Monthly Peak
(Megawatts)

Date Mo/Day/Yr	Time Hr/Min	Peak MWs	Scheduled Transmission Outages (Y/N)	Unscheduled Transmission Outages (Y/N)	Emergency Operating Procedures (Y/N)
1/23/2013	800	19975	Y	Y	Y
2/1/2013	900	19087	Y	Y	Y
3/22/2013	700	18267	Y	Y	Y
4/3/2013	700	16430	Y	Y	Y
5/30/2013	1600	18276	Y	Y	Y
6/25/2013	1600	19233	Y	Y	Y
7/16/2013	1600	20673	Y	Y	Y
8/30/2013	1600	18801	Y	Y	Y
9/10/2013	1500	20353	Y	Y	Y
10/4/2013	1400	15527	Y	Y	Y
11/25/2013	800	17489	Y	Y	Y
12/13/2013	800	18392	Y	Y	Y

1. All dates and times are in EST.

PUCO FORM FE-T7
AEP OHIO

CHARACTERISTICS OF EXISTING TRANSMISSION LINES

Transmission Name & Line No. ^[1]	Point of (Origin - Terminus)	Summer Capability		Winter Capability		Emergency Rating	Design Voltage (kV)	Right-of-Way		Type of Supporting Structure	Number of Circuits		Substations on the Line
List Each Transmission Line of 125 kV or More	Indicate Location of Line's Beginning and Terminus or More	Normal Rating	Emergency Rating	Normal Rating	Emergency Rating	Indicate Design Voltage and Operating Voltage For Each Line	Operating Voltage (kV)	Length (Miles)	Width Max./Min. (feet)	Steel Towers, Wood Poles or Underground, etc. and Number of Miles of the Line of Each Structure	Design	Installed	Substation Name
11 Gavin - Mountaineer		3413	4253	4309	4770		765	2.43	200/200	Steel - Lattice		1	
12 Kammer - Mountaineer		3975	3975	3975	3975		765		114.77	Steel - Lattice/GuyedV		1	
13 Amos - Hanging Rock		4055	4253	4611	4770		765	31.22	200/200	Steel - Lattice		1	NORTH PROCTORVILLE
14 Culloden - Gavin		4055	4253	4611	4770		765	0.46	200/200	Steel - Lattice		1	
15 Baker - Hanging Rock		4055	4253	4611	4770		765	1.52	200/200	Steel - Lattice		1	
48 Apple Grove - Sporn		151	151	199	199		138	31.53	100/100	Steel - Lattice		1	
184 Apple Grove - South Point		167	167	210	210		138	28.6	100/100	Steel - Lattice		1	SCOTTOWN SW
185 Darrah - North Proctorville		296	296	315	315		138	3.5	100/100	Steel - Lattice		1	EAST PROCTORVILLE
186 East Huntington - North Proctorville - South Point		220	251	277	286		138	3.85	100/100	Steel - Lattice		1	
187 Gavin - Sporn No. 1		185	185	234	234		138	5.2	100/100	Steel - Lattice		1	GAVIN 138KV
188 Gavin - Sporn No. 2		167	167	210	210		138	7.47	100/100	Steel - Lattice		1	GAVIN 138KV
193 Bellefonte - East Wheelersburg		138	167	183	191		138	26.9	100/100	Steel - Lattice		1	HANGING ROCK
194 Bellefonte - North Proctorville		167	245	210	271		138	19.74	100/100	Steel - Lattice		1	
543 Hanging Rock - Don Marquis		4055	4253	4611	4770		765	34.96	200/200	Steel - Lattice		1	
544 Kammer - South Canton		2977	2977	2977	2977		765	78.91	200/200	Steel - Lattice		1	
545 Dumont - Marysville		4055	4253	4611	4770		765	76.17	200/200	Aluminum - Lattice		1	
546 Hanging Rock - Jefferson		4055	4253	4611	4770		765	6.1	200/200	Steel - Lattice		1	
548 Bixby - Don Marquis		1219	1279	1386	1434		345	71.67	150/150	Steel - Lattice		1	
550 Hyatt (OP) - West Millersport		971	971	1234	1234		345	37.97	150/150	Steel - Lattice		1	
552 Collier (DP&L) - Tidd		1166	1166	1481	1481		345	0.31	150/150	Steel - Lattice		1	
553 Beatty Road - Greene		1235	1374	1255	1374		345	19.83	150/150	Steel - Lattice		1	
554 Gallon - South Berwick		1228	1409	1434	1434		345	35.44	150/150	Aluminum - Guyed V		1	FOSTORIA CENTRAL
555 Fostoria Central - Lemoyne (FE)		1409	1409	1692	1781		345	19.28	150/150	Steel - Lattice		1	
557 Bayshore (FE) - Fostoria Central		1409	1409	1692	1781		345	19.28	150/150	Steel - Lattice		1	
559 Shelby (DP&L) - Southwest Lima		1255	1374	1255	1374		345	18.97	150/150	Aluminum - Guyed V		1	
563 South Canton - Star (FE)		971	1304	1234	1505		345	0.69	150/150	Steel - Lattice		1	
564 South Canton - Sammis (FE)		1409	1409	1701	1781		345	0.7	150/150	Steel - Lattice		1	
565 Hyatt (OP) - Tangy		971	971	1234	1234		345	0.25	150/150	Steel - Lattice		1	
566 Marysville - Tangy		897	897	1138	1138		345	22.44	150/150	Steel - Lattice		1	
567 Tidd - Wylie Ridge		1166	1166	1434	1434		345	0.31	150/150	Steel - Lattice		1	WYLLIE RIDGE (APS)
569 Beatty Road - Bixby		988	1281	1425	1526		345	13.2	150/150	Steel - Lattice		1	
570 Beatty Road - Hayden		988	1281	1425	1526		345	17.36	150/150	Steel - Lattice		1	
572 Conesville - Corridor		1219	1279	1386	1434		345	53.85	150/150	Steel - Lattice		1	
573 Hayden Sw. - Hyatt (CSP)		1409	1472	1781	1826		345	12.58	150/150	Steel - Lattice		1	
574 Hayden Sw. - Roberts No. 2		1016	1304	1286	1505		345	5.54	150/150	Steel - 1 pole		1	
575 Corridor - Hyatt		1235	1472	1781	1826		345	23.97	150/150	Steel - Lattice		1	
576 Conesville - Hyatt		1219	1279	1386	1434		345	68.26	150/150	Steel - Lattice		1	
577 Bixby - Conesville Plant		1219	1279	1386	1434		345	65.74	150/150	Wood - H-frame		1	
578 Canton Central - Tidd		1409	1409	1733	1781		345	52	150/150	Steel - Lattice		1	
580 Canton Central - South Canton No. 2		1409	1409	1781	1781		345	5.83	150/150	Steel - Lattice		1	
581 East Lima - Fostoria Central		1409	1598	1733	1793		345	39.82	150/150	Aluminum - Guyed V		1	
582 East Lima - Southwest Lima		971	971	1104	1104		345	21.97	150/150	Steel - Lattice		1	
583 East Lima - Marysville		897	1186	1138	1355		345	47.13	150/150	Steel - Lattice		1	
584 Hyatt (OP) - Marysville		1166	1166	1481	1481		345	23.27	150/150	Steel - Lattice		1	
585 Marysville - Southwest Lima		971	971	1234	1234		345	54.48	150/150	Steel - Lattice		1	
586 Kammer - Muskingum River		972	972	1234	1234		345	52.04	150/150	Steel - Lattice		1	
587 Kammer - Tidd		971	1419	1234	1432		345	31.83	150/150	Steel - Lattice		1	WEST BELLAIRE
589 Muskingum River - West Millersport No. 1		897	897	1138	1336		345	53.95	150/150	Steel - Lattice		1	
590 Muskingum River - West Millersport No. 2		910	1157	1150	1336		345	53.96	150/150	Steel - Lattice		1	
593 Bixby - West Lancaster		109	142	153	176		138	19.04	100/100	Wood - 3 pole		1	
596 Dexter Sw. - Elliott - Poston		159	184	123	123		138	17.04	100/100	Wood - H-frame		1	MEIGS NO. 2
597 Addison - Luck - Sporn		148	150	189	189		138	24.34	100/100	Steel - Lattice		1	RIO
598 Kirk - West Millersport 138 kV		159	167	200	210		138	16	100/100	Wood - H-frame		1	WEST HEBRON
600 Bluebell - Canton Central		257	257	325	325		138	0.35	100/100	Wood - 3 pole		1	

PUCO FORM FE-T7
AEP OHIO
CHARACTERISTICS OF EXISTING TRANSMISSION LINES

Transmission Name & Line No. ^[1]	Point of (Origin - Terminus) Indicate Location of Line's Beginning and Terminus	Summer Capability		Winter Capability		Operating Voltage (kV)	Design Voltage (kV)	Right-of-Way		Type of Supporting Structure	Number of Circuits		Substations on the Line
		Normal Rating	Emergency Rating	Normal Rating	Emergency Rating			Length (Miles)	Width Max./Min. (feet)		Design	Installed	
601 *Canton Central - Cloverdale (OE)		161	194	182	210	138	138	0.38	100/100	Wood - 3 pole	1	1	
602 *Cloverdale (OE) - East Wooster		161	194	182	230	138	138	0.5	100/100	Wood - 1 pole	1	1	
607 Hillsboro - Hutchings		185	185	234	234	138	138	37.36	100/100	Wood - H-frame	1	1	
608 Brookside - Howard		138	179	183	213	138	138	7.99	100/100	Steel - Lattice	1	1	
609 Howard - Shelby #1		72	79	72	79	138	138	2.36	100/100	Steel - Lattice	1	1	
610 Lockwood Road - Richland		216	223	253	281	138	138	0.08	100/100	Wood - H-frame	1	1	
612 Argentum - Millbrook Park		205	255	258	286	138	138	1.48	100/100	Wood - 1 pole	1	1	
614 South Toronto - Weirton - Wylie Ridge		138	179	180	213	138	138	0.5	100/100	Steel - Lattice	1	1	1 WEIRTON (APS)
615 Tidd - Weirton		166	210	215	278	138	138	0.41	100/100	Steel - Lattice	1	1	1 CARNEGIE (APS)
616 Tidd - Weirton No. 2		191	205	255	258	138	138	6.23	100/100	Steel - Lattice	1	1	1 MAHANS LANE (APS)
617 West Bellaire - Windsor		205	251	258	317	138	138	17.13	100/100	Wood - H-frame	1	1	1 TILTONSVILLE
618 *Lemoine (FE) - West End Fostoria		185	185	215	215	138	138	18.55	100/100	Steel - Lattice	1	1	
619 City of Columbus - Vine No. 1		287	287	287	287	138	138	1	100/100	Wood - 1 pole	1	1	
620 Bethel Road - Roberts No. 1		378	378	406	406	138	138	5.42	100/100	Steel - Lattice	1	1	1 DAVIDSON (CS)
621 Kenny - Roberts		213	282	221	328	138	138	0.17	100/100	Steel - 1 pole	1	1	
623 Bethel Road - Linworth		216	259	272	304	138	138	5.42	100/100	Steel - Lattice	1	1	
624 Bexley - Saint Clair		216	259	272	304	138	138	4.07	100/100	Wood - 1 pole	1	1	1 SAINT CLAIR AVENUE (CS)
625 Bixby - LSI		439	439	472	472	138	138	4.53	100/100	Wood - 2 pole	1	1	
627 Delano - Kenworth - Ross		148	150	189	189	138	138	4.99	100/100	Wood - 3 pole	1	1	1 CLAYBURNE SW
628 Circleville - Harrison (CSP)		138	150	183	189	138	138	15.21	100/100	Wood - H-frame	1	1	
629 LSI - Marion Road		439	439	472	472	138	138	4.62	100/100	Steel - 1 pole	1	1	
630 Canal Street - Marion Road		124	173	136	184	138	138	3.78	100/100	Underground	1	1	1 SAINT CLAIR AVENUE (CS)
631 Clinton - Saint Clair		142	185	139	193	138	138	3.98	100/100	Underground	1	1	
632 Harrison (Csp) - Marion Road		138	179	183	213	138	138	10.21	100/100	Wood - 2 pole	1	1	1 ORETZ
634 Harrison (Csp) - Poston		138	179	183	213	138	138	54.36	100/100	Wood - H-frame	1	1	1 GOOD HOPE SW
637 Circleville - Scippo		150	150	189	189	138	138	2.79	100/100	Wood - 1 pole	1	1	1 East Scippo Switch
639 Genoa - Karl Road - Morse Road		195	223	245	281	138	138	11.29	100/100	Steel - 1 pole	1	1	1 SPRING ROAD SW
640 Hess Street - OSU		233	336	240	353	138	138	2.88	100/100	Underground	1	1	
641 Hess Street - Wilson Road		220	255	248	303	138	138	2.98	100/100	Steel - Lattice	1	1	1 FIFTH AVENUE
642 Bixby - Buckeye Steel		216	259	272	304	138	138	6.51	100/100	Steel - Lattice	1	1	
643 Gay Street - Vine		174	240	184	254	138	138	1.5	100/100	Underground	1	1	
645 Hyatt (Csp) - Sawmill		494	504	656	656	138	138	5.32	100/100	Steel - 1 pole	1	1	
647 Corridor - Morse Road		338	338	427	427	138	138	7.43	100/100	Steel - Lattice	1	1	
648 East Broad Street - Kirk No. 1		244	321	326	382	138	138	10.53	100/100	Steel - Lattice	1	1	1 TAYLOR
649 East Broad Street - Kirk No. 2		244	302	326	344	138	138	10.41	100/100	Steel - Lattice	1	1	
650 Canal Street - Mound Street		122	170	134	181	138	138	3.23	100/100	Underground	1	1	
654 Darby (DP&L) - Delaware		195	220	201	220	138	138	14.13	100/100	Interconnect	1	1	
657 Clinton - Huntley - Morse Road		195	205	222	229	138	138	11.77	100/100	Steel - Lattice	1	1	1 G.E. SUPERABRASIVES SW
658 Bixby - Groves Road No. 1		145	145	183	183	138	138	4.6	100/100	Steel - 1 pole	1	1	1 THREE CREEKS SW
659 Delaware - Hyatt (CSP)		223	278	281	316	138	138	4.31	100/100	Wood - H-frame	1	1	
661 Astor - East Broad Street		191	216	241	272	138	138	2.74	100/100	Wood - 1 pole	1	1	
663 Beatty Road - McComb		216	259	272	304	138	138	5.76	100/100	Wood - 1 pole	1	1	1 MCCOMB (CS)
664 Morse Road - Stelzer		246	356	253	363	138	138	1.68	100/100	Underground	1	1	
665 Huntley - Linworth		223	223	281	281	138	138	3.72	100/100	Wood - 1 pole	1	1	
666 Buckeye Steel - Gay Street		170	216	179	250	138	138	2.85	100/100	Wood - 1 pole	1	1	
669 Delano - Scioto Trail (CSP)		148	150	189	189	138	138	11.94	100/100	Wood - 3 pole	1	1	1 KENWORTH
670 Scioto Trail - Scippo		148	150	189	189	138	138	2.39	100/100	Wood - 1 pole	1	1	
671 Mound Street - Saint Clair (CSP)		131	179	136	184	138	138	2.27	100/100	Underground	1	1	1 SAINT CLAIR AVENUE (CS)
672 Gay Street - McComb		223	229	272	284	138	138	5.51	100/100	Wood - 1 pole	1	1	1 MCCOMB (CS), SULLIVANT TERMINAL
673 Mulberry Sw. - Ross		223	310	281	349	138	138	5.67	100/100	Wood - 1 pole	1	1	
676 Corridor - Genoa		338	409	427	486	138	345	5.12	150/150	Steel - 1 pole	1	1	
677 Corridor - Gahanna 138kV		338	456	427	517	138	345	5.66	150/150	Wood - 1 pole	1	1	
679 Hess Street - Vine		183	251	269	269	138	138	2.42	100/100	Underground	1	1	
681 City of Columbus - Vine No. 2		251	251	287	316	138	138	1.14	100/100	Wood - 1 pole	1	1	
682 Saint Clair - Vine		250	282	279	356	138	138	2.53	100/100	Underground	1	1	1 SAINT CLAIR AVENUE (CS), ITALIAN VILLAGE

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CHARACTERISTICS OF EXISTING TRANSMISSION LINES

Transmission Name & Line No. ^[1]	Point of (Origin - Terminus) Indicate Location of Line's Beginning and Terminus	Summer Capability		Winter Capability		Operating Voltage (kV)	Design Voltage (kV)	Right-of-Way		Type of Supporting Structure	Number of Circuits		Substations on the Line
		Normal Rating	Emergency Rating	Normal Rating	Emergency Rating			Length (Miles)	Width Max./Min. (feet)		Design	Installed	
684 Academia - Ohio Central		205	205	258	258	138	138	37.35	100/100	Wood - 1 pole	1	1	MILLWOOD, WEST TRINWAY
685 Academia - West Mount Vernon		220	251	277	303	138	138	6	100/100	Steel - Lattice	1	1	
686 Clinton - OSU		129	177	134	182	138	138	4.52	100/100	Underground	1	1	
687 Buckley Road - Fostoria Central		150	150	189	189	138	138	13.06	100/100	Wood - 1 pole	1	1	
688 Bucyrus Center - Howard		148	182	214	228	138	138	16.67	100/100	Steel - Lattice	1	1	SULPHUR SPRINGS
689 Canton Central - Southeast Canton 138 kV		296	296	375	375	138	138	3.41	100/100	Steel - 1 pole	1	1	
692 Canton Central - Wagenhals No. 1		296	393	375	430	138	138	2	100/100	Steel - Lattice	1	1	
693 Central Portsmouth - North Portsmouth		220	251	277	303	138	138	6	100/100	Wood - 3 pole	1	1	
694 Crooksville - North Newark		128	128	161	161	138	138	31.56	100/100	Wood - H-frame	1	1	
695 Crooksville - Muskingum River		220	223	277	281	138	138	36.67	100/100	Steel - Lattice	1	1	CANNELVILLE SW, NORTH MUSKINGUM
696 Crooksville - South Lancaster		167	167	210	210	138	138	26.78	100/100	Steel - Lattice	1	1	
697 East Lima - New Liberty		150	150	189	189	138	138	25.9	100/100	Steel - Lattice	1	1	
698 East Lima - North Findlay		167	167	210	210	138	138	29.2	100/100	Steel - Lattice	1	1	NORTH WOODCOCK
699 East Lima - Rockhill		167	245	210	271	138	138	4.42	100/100	Steel - Lattice	1	1	
700 East Lima - South Kenton		148	184	191	191	138	138	7.2	100/100	Wood - H-frame	1	1	WEST NEWTON SW
701 East Lima - West Lima		205	205	258	258	138	138	12.4	100/100	Steel - Lattice	1	1	NORTHWEST LIMA
702 East Wheelersburg Sw. - Texas Eastern		101	101	119	119	138	138	1.98	100/100	Wood - 3 pole	1	1	
704 East Wooster - South Canton		205	205	239	239	138	138	31.91	100/100	Wood - H-frame	1	1	CANAL ROAD, SOUTH CANTON 138KV, APPLE CREEK
705 Findlay Center - Fostoria Central - New Liberty		148	150	189	189	138	138	19.96	100/100	Steel - Lattice	1	1	
706 Fostoria Central - North Findlay		167	167	210	210	138	138	11.98	100/100	Steel - Lattice	1	1	NORTHEAST FINDLAY
707 Fostoria Central - Greenlawn - Howard		138	143	143	143	138	138	52.42	100/100	Steel - Lattice	1	1	
708 Fostoria Central - West End Fostoria		287	296	363	375	138	138	1.54	100/100	Steel - Lattice	1	1	
709 Fremont Center - Tiffin Center		205	205	258	258	138	138	12.59	100/100	Wood - 1 pole	1	1	
710 Greenlawn - Tiffin Center		143	143	143	143	138	138	3.3	100/100	Wood - 1 pole	1	1	
711 Gavin - Millbrook Park		185	185	234	234	138	138	49.41	100/100	Steel - Lattice	1	1	GAVIN 138KV
714 Gavin - North Proctorville		151	151	123	123	138	138	49.25	100/100	Steel - Lattice	1	1	NORTH CROWN CITY, GAVIN 138KV, THIVENER
720 Natrium - PPG 138KV		143	143	158	158	138	138	0.08	100/100	Wood - H-frame	1	1	SW, WINDSOR (APS)
722 Kammer - Ornet No. 1		289	296	375	375	138	138	0.45	100/100	Steel - Lattice	1	1	KAMMER 138KV
723 Kammer - Ornet No. 3		289	296	375	375	138	138	0.45	100/100	Steel - Lattice	1	1	KAMMER 138KV
724 Kammer - Ornet No. 4		289	296	375	375	138	138	0.45	100/100	Steel - Lattice	1	1	KAMMER 138KV
725 Kammer - West Bellaire		296	296	375	375	138	138	12.85	100/100	Aluminum - Guyed V	1	1	KAMMER 138KV
726 Millbrook Park - South Point		138	167	183	191	138	138	34.54	100/100	Steel - Lattice	1	1	
727 Millbrook Park - North Portsmouth		185	185	234	234	138	138	3.4	100/100	Wood - H-frame	1	1	
729 Muskingum River - West Cambridge		223	223	281	281	138	138	41.38	100/100	Steel - Lattice	1	1	EAST NEW CONCORD
730 Newcomerslown - South Coshocton		138	150	183	189	138	138	14.3	100/100	Wood - 3 pole	1	1	
731 Newcomerslown - West Cambridge		191	250	255	297	138	138	14.93	100/100	Steel - Lattice	1	1	
732 Newcomerslown - West New Philadelphia		191	250	255	297	138	138	17.43	100/100	Steel - Lattice	1	1	HILLVIEW DRIVE
735 North Newark - West Mount Vernon		185	185	234	234	138	138	21.75	100/100	Wood - H-frame	1	1	SHARP ROAD
736 Ohio Central - South Coshocton		185	250	234	289	138	138	16.35	100/100	Wood - H-frame	1	1	
738 Ohio Central - Zanesville		205	255	258	303	138	138	12.17	100/100	Wood - H-frame	1	1	POWELSON, NORTH ZANESVILLE
739 Ohio Central - Philo Sw.		191	250	255	297	138	138	18.47	100/100	Steel - Lattice	1	1	EAST POINTE, EAST ZANESVILLE
740 Ordinance Junction Sw. - Sterling		257	337	325	400	138	138	1.5	100/100	Steel - Lattice	1	1	
741 Ordinance Junction Sw. - Southwest Lima		296	384	425	458	138	138	3.87	100/100	Steel - Lattice	1	1	SHAWNEE ROAD
742 Philo Sw. - South Canton		185	185	234	234	138	138	74.52	100/100	Steel - Lattice	1	1	WEST DOVER, SOUTH CANTON 138KV, NORTH
743 Rockhill - West Lima		167	245	210	271	138	138	9.9	100/100	Steel - Lattice	1	1	STRASBURG, BRIDGEVILLE
744 South Canton - Southeast Canton 138 kV		296	296	375	375	138	138	7.2	100/100	Steel - Lattice	1	1	EASTOWN ROAD
745 South Canton - Wayview		251	335	317	381	138	138	14.1	100/100	Steel - Lattice	1	1	SOUTH CANTON 138KV, FAIRCREST STREET
746 South Canton - Tinklen - Richville Sw.		296	296	375	375	138	138	2.67	100/100	Steel - Lattice	1	1	SOUTH CANTON 138KV, PROMWAY
747 South Canton - Torrey		290	290	366	366	138	138	2.87	100/100	Steel - Lattice	1	1	SOUTH CANTON 138KV, BOLIVAR
748 South Kenton - West Mount Vernon		148	184	200	218	138	138	59.1	100/100	Wood - H-frame	1	1	NORTH WALDO, FULTON (OP), HEDDING ROAD
749 Southeast Canton - Sunnyside		296	296	375	375	138	138	3.2	100/100	Steel - Lattice	1	1	SW

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CHARACTERISTICS OF EXISTING TRANSMISSION LINES

Transmission Name & Line No. ^[1]	Point of (Origin - Terminus) Indicate Location of Line's Beginning and Terminus	Summer Capability		Winter Capability		Operating Voltage (kV)	Design Voltage (kV)	Right-of-Way		Type of Supporting Structure	Number of Circuits		Substations on the Line
		Normal Rating	Emergency Rating	Normal Rating	Emergency Rating			Length (Miles)	Width Max./Min. (feet)		Design	Installed	
List Each Transmission Line of 125 kV or More						Indicate Design Voltage and Operating Voltage For Each Line				Steel Towers, Wood Poles or Underground, etc. and Number of Miles of the Line of Each Structure			Substation Name
750 Southeast Canton - Timken		296	296	375	375	138	138	7.22	100/100	Steel - 1 pole	1	1	
751 South Lancaster - West Lancaster		138	167	183	210	138	138	3.9	100/100	Steel - Lattice	1	1	
752 Southwest Lima - West Lima		336	388	425	468	138	138	4.58	100/100	Steel - Lattice	1	1	
753 Steubenville - Tidd		148	192	214	229	138	138	7.29	100/100	Steel - Lattice	1	1	
754 Summerfield - Texas Eastern Berne		101	150	127	167	138	138	3.46	100/100	Wood - H-frame	1	1	
755 Sunnyside - Torrey 138kV		176	284	248	320	138	138	3.9	100/100	Steel - Lattice	1	1	WARNER SW
756 Sunnyside - Wagenhals		289	383	375	452	138	138	3.67	100/100	Wood - H-frame	1	1	
757 Timken Richville - Timken		296	296	375	375	138	138	1.9	100/100	Steel - 1 pole	1	1	
758 Tidd - Wagenhals		296	296	375	375	138	138	53.4	100/100	Steel - Lattice	1	1	EAST AMSTERDAM, MALVERN, BROADACRE
759 Tidd - Wheeling Steel No. 1		191	200	253	253	138	138	5.1	100/100	Steel - Lattice	1	1	
760 Tidd - Wheeling Steel No. 2		191	200	253	253	138	138	5.14	100/100	Steel - Lattice	1	1	
761 Torrey - West Canton		191	250	253	293	138	138	7.87	100/100	Steel - Lattice	1	1	REEDURBAN, NIEGLEY, MILES AVENUE
762 Wagenhals - West Canton		205	205	258	258	138	138	10.08	100/100	Steel - Lattice	1	1	PACKARD, NORTHEAST CANTON
763 LTV Steel - Wagenhals No. 1		296	296	375	375	138	138	0.64	100/100	Steel - Lattice	1	1	
764 LTV Steel - Wagenhals No. 2		296	296	375	375	138	138	0.68	100/100	Steel - Lattice	1	1	
765 Wayview - West Canton		257	360	325	404	138	138	4.16	100/100	Steel - 1 pole	1	1	BELDEN VILLAGE
767 West Lancaster - Zanesville		138	150	183	189	138	138	45.77	100/100	Steel - Lattice	1	1	JUNCTION CITY SW
770 Lincoln - Sterling		148	167	210	210	138	138	49.64	100/100	Wood - H-frame	1	1	NORTH DELPHOS
771 Lockwood Road - Robison Park		223	223	239	239	138	138	14.74	100/100	Wood - H-frame	1	1	SOUTH HICKSVILLE
772 Bruus - West Bellare		205	284	258	320	138	138	4.46	100/100	Steel - Lattice	1	1	
773 George Washington - Kammer		364	403	444	459	138	138	6.77	100/100	Steel - Lattice	1	1	KAMMER 138KV
774 George Washington - Tidd		191	200	253	253	138	138	0.26	100/100	Steel - Lattice	1	1	
775 Kammer - Natrium		191	205	255	258	138	138	9.31	100/100	Steel - Lattice	1	1	KAMMER 138KV
777 Muskingum River - Natrium		191	201	255	258	138	138	59.1	100/100	Steel - Lattice	1	1	CALDWELL, SUMMERFIELD, SOMERTON, BALL
778 Natrium - Summerfield		191	205	229	229	138	138	27	100/100	Steel - Lattice	1	1	HOLLOW SW
1983 Beatty Road - Harrison (CSP)		138	150	183	189	138	138	8.31	100/100	Steel - Lattice	1	1	ZUBER
1985 Beatty Road - Wilson		223	223	281	281	138	138	8.58	100/100	Steel - Lattice	1	1	WILSON ROAD
2003 North Intertie (City of Dover) - South Canton		289	290	366	366	138	138	15.27	100/100	Steel - Lattice	1	1	WEST NEW PHILADELPHIA, BOLIVAR
2043 East Lima - Sterling		185	185	234	234	138	138	14.35	100/100	Steel - Lattice	1	1	THAYER ROAD, HANTHORN ROAD SW
2061 East Lima - Ford Motor (Lima Sw.)		167	245	210	271	138	138	3.35	100/100	Steel - Lattice	1	1	FORD MOTOR - LIMA
2062 East Lima - Haviland		167	205	210	229	138	138	35.09	100/100	Steel - Lattice	1	1	
2101 Kammer - Orner No. 2		289	296	375	375	138	138	0.45	100/100	Steel - Lattice	1	1	KAMMER 138KV
2102 Roberts-Wilson		223	233	281	289	138	138	4.97	100/100	Steel - Lattice	1	1	WILSON ROAD
2181 Canton Central - Wagenhals No. 2		296	384	375	452	138	138	2	100/100	Steel - Lattice	1	1	
2185 Cloverdale (OE) - Torrey		200	242	226	286	138	138	0.37	100/100	Steel - Lattice	1	1	
2227 Bexley - Yearling		282	292	356	364	138	138	1.45	100/100	Wood - 1 pole	1	1	
2228 East Broad Street - Yearling		282	292	356	364	138	138	4.5	100/100	Wood - 1 pole	1	1	
2231 Philo - Zanesville		138	150	183	189	138	138	12.2	100/100	Steel - Lattice	1	1	WEST PHILO, NORTH PHILO SW
2233 North Newark - West Millersport		138	167	183	210	138	138	18.35	100/100	Wood - H-frame	1	1	HEATH
2249 Crooksville - Poston - Strouds Run		107	107	107	107	138	138	7.22	100/100	Wood - H-frame	1	1	SPENCER RIDGE SW
2253 East Wooster - Wooster		191	205	255	258	138	138	8.56	100/100	Steel - Lattice	1	1	
2276 Kirk - Newark Center		293	307	333	344	138	138	26.27	100/100	Steel - Lattice	1	1	
2281 Conesville - Newark Center		351	409	444	459	138	138	28.34	100/100	Steel - Lattice	1	1	CONESVILLE PLANT
2322 Conesville - Ohio Central		446	446	563	563	138	138	12.06	100/100	Wood - H-frame	1	1	CONESVILLE PLANT
2331 Bixby - Groves Road No. 2		201	201	266	266	138	138	4.41	100/100	Steel - 1 pole	1	1	
2344 East Wheelersburg - Millbrook		138	167	183	210	138	138	8.7	100/100	Steel - Lattice	1	1	MILLBROOK PARK, DOGWOOD RIDGE
2761 Clinton - Kenny		217	307	227	331	138	138	3.1	100/100	Underground	1	1	
2804 Bexley - Groves		150	150	189	189	138	138	3.91	100/100	Steel - Lattice	1	1	
2841 Ford - Rockhill		167	245	210	271	138	138	4.36	100/100	Steel - 1 pole	1	1	FORD MOTOR - LIMA
2849 South Point - Tri State		302	367	399	436	138	138	1.56	100/100	Steel - Lattice	1	1	
2982 Hillsboro - Millbrook Park		138	179	179	193	138	138	51.8	100/100	Wood - H-frame	1	1	
3761 Academia - Howard		138	179	183	213	138	138	38.38	100/100	Steel - Lattice	1	1	NORTH LEXINGTON
3862 East Liverpool - Wylie Ridge		191	205	250	258	138	138	0.62	100/100	Steel - Lattice	1	1	

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CHARACTERISTICS OF EXISTING TRANSMISSION LINES

Transmission Name & Line No. ^[1]	Point of (Origin - Terminus) Indicate Location of Line's Beginning and Terminus	Summer Capability		Winter Capability		Operating Voltage (kV)	Design Voltage (kV)	Right-of-Way		Type of Supporting Structure	Number of Circuits		Substations on the Line
		Normal Rating	Emergency Rating	Normal Rating	Emergency Rating			Length (Miles)	Width Max./Min. (feet)		Design	Installed	
3864 Dale - West Canton		200	254	253	287	138	138	0.82	100/100	Steel - Lattice	1	1	
4061 Corner - Muskingum River		180	205	228	258	138	138	4.7	100/100	Wood - H-frame	1	1	1 LAYMAN, WOLF CREEK (CSP)
4081 North Newark - Ohio Central		287	301	338	344	138	138	21.5	100/100	Wood - 3 pole	1	1	1 FRAZEYSBURG, REFORM ROAD
4306 Rutland - Sporn		334	351	421	444	138	138	9.49	100/100	Steel - Lattice	1	1	
4783 Howard - West End Fostoria		138	167	183	210	138	138	44.9	100/100	Steel - Lattice	1	1	1 SOUTH TIFFIN, CHATFIELD
4842 Southwest Lima - West Moulton		148	192	214	229	138	138	13.3	100/100	Wood - 1 pole	1	1	
4883 East Leipsic - Richland		223	223	266	281	138	138	16.78	100/100	Steel - 1 pole	1	1	
4942 Globe Metal - Muskingum River		167	167	210	210	138	138	0.39	100/100	Steel - Lattice	1	1	
4962 North Fairfield - West Millersport		111	111	111	111	138	138	0.2	100/100	Wood - 1 pole	1	1	
5001 Mulberry Sw. - Waverly		223	310	281	349	138	138	16.81	100/100	Wood - H-frame	1	1	1 MULBERRY, ROZELLE
5282 Fisher - Roberts		223	223	281	281	138	138	6.32	100/100	Wood - 1 pole	1	1	1 TRABUE
5941 Mifflin - Stetzer		216	216	272	272	138	138	1.4	100/100	Wood - 1 pole	1	1	
5942 Mifflin - Saint Clair		216	216	272	272	138	138	1	100/100	Wood - Pole	1	1	1 SAINT CLAIR AVENUE (CS)
6224 Maliszewski - Marysville		4055	4174	4611	4770	765	765	25.04	200/200	Aluminum - Lattice	1	1	
6225 Maliszewski - Polaris		223	233	281	289	138	138	2.76	100/100	Steel - 1 pole	1	1	
6226 Hyatt (CSP) - Maliszewski No. 1		223	233	281	289	138	138	6.83	100/100	Steel - 1 pole	1	1	
6227 Hyatt (CSP) - Maliszewski No. 2		338	456	427	517	138	345	5.1	150/150	Steel - Lattice	1	1	
6228 Genoa - Maliszewski		338	409	427	486	138	345	5.99	150/150	Steel - 1 pole	1	1	
6281 Dexter Sw. - Rutland		159	184	200	218	138	138	11.02	100/100	Steel - Lattice	1	1	1 MEIGS SWITCH, MEIGS NO. 1
6402 Canton Central - Hanna (FE)		1409	1409	1733	1780	345	345	5.97	150/150	Steel - Guyed V	1	1	
7616 Robinson Park - RPMone		897	897	1138	1138	345	345	34.95	150/150	Steel - Lattice	1	1	1 ROBERT P. MONE
7631 Hargus (CCA) - Scippo		223	223	281	281	138	138	1.47	100/100	Wood - 1 pole	1	1	
7731 Gahanna - Hap Creneau		150	219	189	243	138	138	4.39	100/100	Wood - H-frame	1	1	
7732 Hap Creneau - Morse Road		148	192	189	229	138	138	0.65	100/100	Wood - H-frame	1	1	
7791 Beverly (IPP) - Muskingum		971	971	1234	1234	345	345	1.9	150/150	Steel - Lattice	1	1	1 MUSKINGUM RIVER 345KV
8011 Muskingum River - Waterford (IPP)		1409	1806	1781	2132	345	345	5	150/150	Steel - Lattice	1	1	1 WATERFORD (OPC)
8072 Adkins - Beatty Road		1233	1414	1587	1787	345	345	12.95	150/150	Steel - Lattice	1	1	
8311 Kirk - West Millersport 345 kV		828	828	828	828	345	345	9.4	150/150	Steel - Lattice	1	1	
8312 Bixby - Kirk		626	790	789	912	345	345	19.35	150/150	Steel - Lattice	1	1	
8314 Flatlick - Gavin		3970	3970	3970	3970	765	765	15.17	200/200	Steel - Lattice	1	1	
8315 Flatlick - Marysville		4055	4253	4611	4770	765	765	109	200/200	Steel - Lattice	1	1	
8433 Sporn - Waterford		1188	1539	1506	1777	345	345	45.63	150/150	Steel - Lattice	1	1	1 WATERFORD (OPC)
8811 Beverly (IPP) - Tidd		972	972	1234	1234	345	345	81.67	150/150	Steel - Lattice	1	1	
8931 DENA (IPP) - Hanging Rock		4106	4174	5168	5168	765	765	0.39	200/200	Steel - Lattice	1	1	
9217 Dresden - Ohio Central		680	794	750	904	138	138	0.62	100/100	Wood - H-frame	1	1	
9237 Don Marquis - Killen (DP&L)		1233	1374	1255	1374	345	345	32.06	150/150	Steel - Lattice	1	1	
9578 Blendon - Corridor		271	271	382	382	138	138	6.35	100/100	Wood - 1 pole	1	1	
9579 Blendon - Morse		271	271	374	382	138	138	3.76	100/100	Wood - 2 pole	1	1	1 MORSE ROAD
10098 Hocking - Poston		148	150	189	189	138	138	15.65	100/100	Wood - H-frame	1	1	1 KIMBERLY
10957 Davidson - Dublin		282	375	282	375	138	138	3.16	100/100	Underground	1	1	
11541 Corner - Parkersburg (APS)		148	148	180	187	138	138	7.36	100/100	Wood - H-frame	1	1	1 BELPRE
11542 Comer - Riverview		244	282	316	344	138	138	7.1	100/100	Wood - H-frame	1	1	1 RIVERVIEW (CSP)
11543 Elkem Metals - Riverview		244	282	316	356	138	138	1.44	100/100	Wood - H-frame	1	1	1 RIVERVIEW (CSP)
11544 Gorsuch - Riverview		250	282	316	344	138	138	1.49	100/100	Wood - H-frame	1	1	1 RIVERVIEW (CSP)
11545 Corner - Washington (APS)		148	192	214	214	138	138	6.13	100/100	Wood - H-frame	1	1	
11546 Mill Creek - Willow Island (APS)		244	282	316	344	138	138	8.82	100/100	Wood - H-frame	1	1	1 DUCK CREEK
11579 Fremont Center - West Fremont (FE)		296	380	353	450	138	138	7.02	100/100	Wood - H-frame	1	1	
12239 Howard - North Belleville		133	133	143	143	138	138	18.01	100/100	Steel - Lattice	1	1	
12240 North Belleville - Philo Sw.		133	133	143	143	138	138	63	100/100	Wood - 1 pole	1	1	1 MILLWOOD
12717 Dublin - Sawmill		223	229	281	284	138	138	6.33	100/100	Wood - 1 pole	1	1	
12737 Hillsboro - Warren (Cinergy)		159	184	200	218	138	138	14.6	100/100	Interconnect	1	1	
13677 Don Marquis - North Portsmouth		220	223	277	281	138	138	18.1	100/100	Wood - H-frame	1	1	1 WAKEFIELD
13679 Don Marquis - Waverly No. 1		223	310	281	338	138	138	15.64	100/100	Wood - 3 pole	1	1	
13837 Centerburg - Conesville		338	456	427	427	138	138	45.61	100/100	Steel - Lattice	1	1	1 CONESVILLE PLANT
13838 Centerburg - Trent		289	338	387	427	138	138	6.19	100/100	Steel - Lattice	1	1	

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CHARACTERISTICS OF EXISTING TRANSMISSION LINES

Transmission Name & Line No. ^[1]	Point of (Origin - Terminus)	Summer Capability		Winter Capability		Operating Voltage (kV)	Design Voltage (kV)	Right-of-Way		Type of Supporting Structure	Number of Circuits		Substations on the Line
List Each Transmission Line of 125 kV or More	Indicate Location of Line's Beginning and Terminus	Normal Rating	Emergency Rating	Normal Rating	Emergency Rating	Indicate Design Voltage and Operating Voltage For Each Line		Length (Miles)	Width Max./Min. (feet)	Steel Towers, Wood Poles or Underground, etc. and Number of Miles of the Line of Each Structure	Design	Installed	Substation Name
13898	Century Aluminum - Spom South No. 2	257	257	325	325	138	138	4.2	100/100	Steel - Lattice	1	1	1 YELLOWBUSH
14217	Polaris - Westar	223	233	281	289	138	138	2.8	100/100	Customer	1	1	1 WESTAR
14218	Genoa - Westar	223	233	281	289	138	138	2.07	100/100	Customer	1	1	1 WESTAR
14697	Sugarcreek - West Dover	251	251	317	317	138	138	4.07	100/100	Wood - 1 pole	1	1	1 SUGARCREEK TERMINAL
14839	Hayden Sw. - Roberts No. 1	1016	1255	1286	1505	345	345	5.54	150/150	Steel - 1 pole	1	1	1
14857	South Canton - Southeast Canton 345 kV	1409	1409	1781	1781	345	345	5.83	150/150	Steel - Lattice	1	1	1
15137	Don Marquis - Waverly No. 2	223	307	281	344	138	138	15.34	100/100	Wood - H-frame	1	1	1 MILLS PRIDE
15138	Don Marquis - Lick	223	310	281	349	138	138	24.65	100/100	Wood - H-frame	1	1	1 EAST BEAVER
15237	Corridor - Jug Street	1235	1472	1781	1826	345	345	6.35	150/150	Steel - Lattice	1	1	1
15238	Jug Street - Kirk	1251	1472	1579	1825	345	345	12.26	150/150	Steel - Lattice	1	1	1
16117	Corwin - Lick	195	223	245	281	138	138	5.3	100/100	Wood - 1 pole	1	1	1
16118	Corwin - Poston	148	191	191	191	138	138	30.04	100/100	Wood - H-frame	1	1	1
16677	Haviland - Timber Switch	167	167	190	190	138	138	8.56	100/100	Steel - Lattice	1	1	1
16817	Timber Road No. 2 - Timber Switch	167	245	210	271	138	138	0.03	100/100	Steel - Lattice	1	1	1
17137	OSU - West Campus	323	393	323	409	138	138	1.13	100/100	Underground	1	1	1
18077	Hillsboro - Wildcat	185	185	234	234	138	138	9.88	100/100	Wood - H-frame	1	1	1
18078	Kenton (LGE) - Wildcat	151	185	191	191	138	138	24.83	100/100	Wood - H-frame	1	1	1 EMERALD SWITCH - TR
18298	Adams - Seaman - Ware Road	107	107	107	107	138	138	20.47	100/100	Wood - H-frame	1	1	1 ADAMS
18299	Ware Road - Waverly	150	150	189	189	138	138	7.51	100/100	Wood - H-frame	1	1	1
18818	South Baltimore - West Millersport	167	221	210	252	138	138	4.53	100/100	Wood - H-frame	1	1	1
18819	South Baltimore - West Lancaster	167	221	210	252	138	138	9.82	100/100	Wood - 3 pole	1	1	1
19357	Maliszewski - Vassell	4174	4174	5168	5168	765	765	10.34	200/200	Steel - 1 pole	1	1	1
19397	Muskingum River - Steamtown	205	205	258	258	138	138	34.57	100/100	Wood - 1 pole	1	1	1 SOUTH CALDWELL
19398	Steamtown - Summerfield	191	250	255	297	138	138	1.58	100/100	Steel - Lattice	1	1	1
19577	Muskingum River - Ohio Central	1409	1409	1432	1432	345	345	43.22	150/150	Steel - Lattice	1	1	1
19578	Gallon - Ohio Central	971	971	1234	1234	345	345	59.15	150/150	Wood - 3 pole	1	1	1
19757	Carrollton - Sunnyside	176	176	248	248	138	138	19.64	100/100	Steel - 2 pole	1	1	1
19758	Carrollton - Tidd	218	218	281	281	138	138	50.19	100/100	Wood - 3 pole	1	1	1 SOUTH CADIZ SW
19899	Kammer - Vassell	4055	4253	4611	4770	765	765	116.62	200/200	Steel - 1 pole	1	1	1

^[1] Indicate with * if transmission line is an interconnection with another electric transmission owner and list the other transmission owner's name.

PUCO FORM FE-T8
AEP OHIO

SUMMARY OF EXISTING SUBSTATIONS ON TRANSMISSION LINES

Substation Name	Type (D) Distribution (T) Transmission	Voltage(s) (kV)	Line Association (FE3-T7 or FE3-T9 Notation)	Notation	Line Existing or Proposed
ACADEMIA	T	138	Academia - Howard	3761	E
ACADEMIA	T	138	Academia - Ohio Central	684	E
ACADEMIA	T	138	Academia - West Mount Vernon	685	E
ADAMS (CSP)	T	138	Adams - Seaman - Ware Road	18298	E
ADDISON	T	138	Addison - Lick - Sporn	597	E
APPLE CREEK	D	138	East Wooster - South Canton	704	E
ASTOR	D	138	Astor - East Broad Street	661	E
BALL HOLLOW SW	T	138	Muskingum River - Natrium	777	E
BEATTY ROAD	T	345	Adkins - Beatty Road	8072	E
BEATTY ROAD	T	345	Beatty Road - Bixby	569	E
BEATTY ROAD	T	345	Beatty Road - Greene	553	E
BEATTY ROAD	T	345	Beatty Road - Hayden	570	E
BEATTY ROAD	T	138	Beatty Road - Harrison (CSP)	1983	E
BEATTY ROAD	T	138	Beatty Road - McComb	663	E
BEATTY ROAD	T	138	Beatty Road - Wilson	1985	E
BELDEN VILLAGE	D	138	Wayview - West Canton	765	E
BELPRE	D	138	*Corner - Parkersburg (APS)	11541	E
BETHEL ROAD	T	138	Bethel Road - Linworth	623	E
BETHEL ROAD	T	138	Bethel Road - Roberts No. 1	620	E
BEVERLY	T	345	Beverly (IPP) - Muskingum	7791	E
BEVERLY	T	345	Beverly (IPP) - Tidd	8811	E
BEXLEY	T	138	Bexley - Groves	2804	E
BEXLEY	T	138	Bexley - Saint Clair	624	E
BEXLEY	T	138	Bexley - Yearling	2227	E
BIXBY	T	345	Beatty Road - Bixby	569	E
BIXBY	T	345	Bixby - Conesville Plant	577	E
BIXBY	T	345	Bixby - Don Marquis	548	E
BIXBY	T	345	Bixby - Kirk	8312	E
BIXBY	T	138	Bixby - Buckeye Steel	642	E
BIXBY	T	138	Bixby - Groves Road No. 1	658	E
BIXBY	T	138	Bixby - Groves Road No. 2	2331	E
BIXBY	T	138	Bixby - LSI	625	E
BIXBY	T	138	Bixby - West Lancaster	593	E
BLENDON	D	138	Blendon - Corridor	9578	E
BLENDON	D	138	Blendon - Morse	9579	E
BOLIVAR	D	138	North Intertie (City of Dover) - South Canton	2003	E
BOLIVAR	D	138	South Canton - Torrey	747	E
BRIDGEVILLE	D	138	Philo Sw. - South Canton	742	E
BROADACRE	D	138	Tidd - Wagenhals	758	E
BUCKLEY ROAD	T	138	Buckley Road - Fostoria Central	687	E
BUCYRUS CENTER	T	138	Bucyrus Center - Howard	688	E

PUCO FORM FE-T8
AEP OHIO

SUMMARY OF EXISTING SUBSTATIONS ON TRANSMISSION LINES

Substation Name	Type (D) Distribution (T) Transmission	Voltage(s) (kV)	Line Association (FE3-T7 or FE3-T9 Notation)	Notation	Line Existing or Proposed
CALDWELL	T	138	Muskingum River - Natrium	777	E
CANAL ROAD	T	138	East Wooster - South Canton	704	E
CANAL STREET	D	138	Canal Street - Marion Road	630	E
CANAL STREET	D	138	Canal Street - Mound Street	650	E
CANNELVILLE SW	T	138	Crooksville - Muskingum River	695	E
CANTON CENTRAL	T	345	*Canton Central - Hanna (FE)	6402	E
CANTON CENTRAL	T	345	Canton Central - South Canton No. 2	580	E
CANTON CENTRAL	T	345	Canton Central - Tidd	578	E
CANTON CENTRAL	T	138	*Canton Central - Cloverdale (OE)	601	E
CANTON CENTRAL	T	138	Bluebell - Canton Central	600	E
CANTON CENTRAL	T	138	Canton Central - Southeast Canton 138 kV	689	E
CANTON CENTRAL	T	138	Canton Central - Wagenhals No. 1	692	E
CANTON CENTRAL	T	138	Canton Central - Wagenhals No. 2	2181	E
CARROLLTON	D	138	Carrollton - Sunnyside	19757	E
CARROLLTON	D	138	Carrollton - Tidd	19758	E
CENTERBURG	D	138	Centerburg - Conesville	13837	E
CENTERBURG	D	138	Centerburg - Trent	13838	E
CENTRAL PORTSMOUTH	T	138	Central Portsmouth - North Portsmouth	693	E
CHATFIELD	T	138	Howard - West End Fostoria	4783	E
CIRCLEVILLE	T	138	Circleville - Harrison (CSP)	628	E
CIRCLEVILLE	T	138	Circleville - Scippo	637	E
CLAYBURNE SW	T	138	Delano - Kenworth - Ross	627	E
CLINTON	D	138	Clinton - Huntley - Morse Road	657	E
CLINTON	D	138	Clinton - Karl Road	2762	E
CLINTON	D	138	Clinton - Kenny	2761	E
CLINTON	D	138	Clinton - OSU	686	E
CLINTON	D	138	Clinton - Saint Clair	631	E
CONESVILLE PLANT	T	345	Bixby - Conesville Plant	577	E
CONESVILLE PLANT	T	345	Conesville - Corridor	572	E
CONESVILLE PLANT	T	345	Conesville - Hyatt	576	E
CONESVILLE PLANT	T	138	Centerburg - Conesville	13837	E
CONESVILLE PLANT	T	138	Conesville - Newark Center	2281	E
CONESVILLE PLANT	T	138	Conesville - Ohio Central	2322	E
CORNER	D	138	*Corner - Parkersburg (APS)	11541	E
CORNER	D	138	*Corner - Washington (APS)	11545	E
CORNER	D	138	Corner - Muskingum River	4061	E
CORNER	D	138	Corner - Riverview	11542	E
CORRIDOR	T	345	Conesville - Corridor	572	E
CORRIDOR	T	345	Corridor - Hyatt	575	E
CORRIDOR	T	345	Corridor - Jug Street	15237	E
CORRIDOR	T	138	Blendon - Corridor	9578	E

PUCO FORM FE-T8
AEP OHIO
SUMMARY OF EXISTING SUBSTATIONS ON TRANSMISSION LINES

Substation Name	Type (D) Distribution (T) Transmission	Voltage(s) (kV)	Line Association (FE3-T7 or FE3-T9 Notation)	Notation	Line Existing or Proposed
CORRIDOR	T	138	Corridor - Gahanna 138kV	677	E
CORRIDOR	T	138	Corridor - Genoa	676	E
CORRIDOR	T	138	Corridor - Morse Road	647	E
CORWIN	D	138	Corwin - Poston	16118	E
CROOKSVILLE	T	138	Crooksville - Muskingum River	695	E
CROOKSVILLE	T	138	Crooksville - North Newark	694	E
CROOKSVILLE	T	138	Crooksville - Poston - Strouds Run	2249	E
CROOKSVILLE	T	138	Crooksville - South Lancaster	696	E
DAVIDSON (CS)	D	138	Bethel Road - Roberts No. 1	620	E
DAVIDSON (CS)	D	138	Davidson - Dublin	10957	E
DELANO	D	138	Delano - Kenworth - Ross	627	E
DELANO	D	138	Delano - Scioto Trail (CSP)	669	E
DELAWARE (CSP)	T	138	Darby (DP&L) - Delaware	654	E
DELAWARE (CSP)	T	138	Delaware - Hyatt (CSP)	659	E
DEXTER SW	T	138	Dexter Sw. - Elliott - Poston	596	E
DEXTER SW	T	138	Dexter Sw. - Rutland	6281	E
DOGWOOD RIDGE	D	138	East Wheelersburg - Millbrook	2344	E
DON MARQUIS (OP-CS) (OVEC)	T	765	Hanging Rock - Don Marquis	543	E
DON MARQUIS (OP-CS) (OVEC)	T	345	*Don Marquis - Killen (DP&L)	9237	E
DON MARQUIS (OP-CS) (OVEC)	T	345	Bixby - Don Marquis	548	E
DON MARQUIS (OP-CS) (OVEC)	T	138	Don Marquis - Lick	15138	E
DON MARQUIS (OP-CS) (OVEC)	T	138	Don Marquis - North Portsmouth	13677	E
DON MARQUIS (OP-CS) (OVEC)	T	138	Don Marquis - Waverly No. 1	13679	E
DON MARQUIS (OP-CS) (OVEC)	T	138	Don Marquis - Waverly No. 2	15137	E
DUBLIN(CS)	D	138	Davidson - Dublin	10957	E
DUBLIN(CS)	D	138	Dublin - Sawmill	12717	E
DUCK CREEK	D	138	*Mill Creek - Willow Island (APS)	11546	E
EAST AMSTERDAM	T	138	Tidd - Wagenhals	758	E
EAST BEAVER	T	138	Don Marquis - Lick	15138	E
EAST BROAD STREET	T	138	East Broad Street - Kirk No. 1	648	E
EAST BROAD STREET	T	138	East Broad Street - Kirk No. 2	649	E
EAST BROAD STREET	T	138	East Broad Street - Yearling	2228	E
EAST LEIPSIC	T	138	East Leipsic - Richland	4883	E
EAST LEIPSIC	T	138	East Leipsic - Yellow Creek	17718	E
EAST LIMA	T	345	East Lima - Fostoria Central	581	E
EAST LIMA	T	345	East Lima - Marysville	583	E
EAST LIMA	T	345	East Lima - Southwest Lima	582	E
EAST LIMA	T	138	East Lima - Ford Motor (Lima Sw.)	2061	E
EAST LIMA	T	138	East Lima - Haviland	2062	E
EAST LIMA	T	138	East Lima - New Liberty	697	E
EAST LIMA	T	138	East Lima - North Findlay	698	E

PUCO FORM FE-T8
AEP OHIO

SUMMARY OF EXISTING SUBSTATIONS ON TRANSMISSION LINES

Substation Name	Type (D) Distribution (T) Transmission	Voltage(s) (kV)	Line Association (FE3-T7 or FE3-T9 Notation)	Notation	Line Existing or Proposed
EAST LIMA	T	138	East Lima - Rockhill	699	E
EAST LIMA	T	138	East Lima - South Kenton	700	E
EAST LIMA	T	138	East Lima - Sterling	2043	E
EAST LIMA	T	138	East Lima - West Lima	701	E
EAST LIVERPOOL	T	138	East Liverpool - Wylie Ridge	3862	E
EAST NEW CONCORD	D	138	Muskingum River - West Cambridge	729	E
EAST POINTE	D	138	Ohio Central - Philo Sw.	739	E
EAST PROCTORVILLE	D	138	Darrah - North Proctorville	185	E
East Sippo Switch	T	138	Circleville - Scippo	637	E
EAST WHEELERSBURG	T	138	Bellefonte - East Wheelersburg	193	E
EAST WHEELERSBURG	T	138	East Wheelersburg - Millbrook	2344	E
EAST WHEELERSBURG	T	138	East Wheelersburg Sw. - Texas Eastern	702	E
EAST WOOSTER	T	138	*Cloverdale (OE) - East Wooster	602	E
EAST WOOSTER	T	138	East Wooster - South Canton	704	E
EAST WOOSTER	T	138	East Wooster - Wooster	2253	E
EAST ZANESVILLE	T	138	Ohio Central - Philo Sw.	739	E
EASTOWN ROAD	D	138	Rockhill - West Lima	743	E
EMERALD SWITCH - TR	T	138	*Kenton (LGE) - Wildcat	18078	E
FAIRCREST STREET	D	138	South Canton - Southeast Canton 138 kV	744	E
FIFTH AVENUE	D	138	Hess Street - Wilson Road	641	E
FINDLAY	D	138	Findlay Center - Fostoria Central - New Liberty	705	E
FINDLAY CENTER	T	138	Findlay Center - Fostoria Central - New Liberty	705	E
FISHER	T	138	Fisher - Roberts	5282	E
FLATLICK	T	765	Flatlick - Gavin	8314	E
FLATLICK	T	765	Flatlick - Marysville	8315	E
FORD MOTOR - LIMA	T	138	East Lima - Ford Motor (Lima Sw.)	2061	E
FORD MOTOR - LIMA	T	138	Ford - Rockhill	2841	E
FOSTORIA CENTRAL	T	345	*Bayshore (FE) - Fostoria Central	557	E
FOSTORIA CENTRAL	T	345	*Fostoria Central - Lemoyne (FE)	555	E
FOSTORIA CENTRAL	T	345	East Lima - Fostoria Central	581	E
FOSTORIA CENTRAL	T	345	Galion - South Berwick	554	E
FOSTORIA CENTRAL	T	138	Buckley Road - Fostoria Central	687	E
FOSTORIA CENTRAL	T	138	Findlay Center - Fostoria Central - New Liberty	705	E
FOSTORIA CENTRAL	T	138	Fostoria Central - Greenlawn - Howard	707	E
FOSTORIA CENTRAL	T	138	Fostoria Central - North Findlay	706	E
FOSTORIA CENTRAL	T	138	Fostoria Central - West End Fostoria	708	E
FRAZEYSBURG	D	138	North Newark - Ohio Central	4081	E
FREMONT (OP)	T	138	*Fremont Center - West Fremont (FE)	11579	E
FREMONT CENTER	T	138	Fremont Center - Tiffin Center	709	E
FULTON (OP)	D	138	South Kenton - West Mount Vernon	748	E
GAHANNA	D	138	Corridor - Gahanna 138kV	677	E

PUCO FORM FE-T8
AEP OHIO
SUMMARY OF EXISTING SUBSTATIONS ON TRANSMISSION LINES

Substation Name	Type (D) Distribution (T) Transmission	Voltage(s) (kV)	Line Association (FE3-T7 or FE3-T9 Notation)	Notation	Line Existing or Proposed
GAHANNA	D	138	Gahanna - Hap Cremean	7731	E
GAVIN 138KV	T	138	Gavin - Millbrook Park	711	E
GAVIN 138KV	T	138	Gavin - North Proctorville	714	E
GAVIN 138KV	T	138	Gavin - Sporn No. 1	187	E
GAVIN 138KV	T	138	Gavin - Sporn No. 2	188	E
GAVIN 765KV	T	765	Culloden - Gavin	14	E
GAVIN 765KV	T	765	Flatlick - Gavin	8314	E
GAVIN 765KV	T	765	Gavin - Mountaineer	11	E
GAY STREET	D	138	Buckeye Steel - Gay Street	666	E
GAY STREET	D	138	Gay Street - Mccomb	672	E
GAY STREET	D	138	Gay Street - Vine	643	E
GENOA	T	138	Corridor - Genoa	676	E
GENOA	T	138	Genoa - Karl Road - Morse Road	639	E
GENOA	T	138	Genoa - Maliszewski	6228	E
GENOA	T	138	Genoa - Westar	14218	E
GOOD HOPE SW	T	138	Harrison (Csp) - Poston	634	E
GORSUCH	T	138	Gorsuch - RiverView	11544	E
GREENLAWN	T	138	Fostoria Central - Greenlawn - Howard	707	E
GREENLAWN	T	138	Greenlawn - Tiffin Center	710	E
GROVES ROAD	T	138	Bexley - Groves	2804	E
GROVES ROAD	T	138	Bixby - Groves Road No. 1	658	E
GROVES ROAD	T	138	Bixby - Groves Road No. 2	2331	E
HANGING ROCK	T	138	Bellefonte - East Wheelersburg	193	E
HANGING ROCK 765KV	T	765	Amos - Hanging Rock	13	E
HANGING ROCK 765KV	T	765	Baker - Hanging Rock	15	E
HANGING ROCK 765KV	T	765	DENA (IPP) - Hanging Rock	8931	E
HANGING ROCK 765KV	T	765	Hanging Rock - Don Marquis	543	E
HANGING ROCK 765KV	T	765	Hanging Rock - Jefferson	546	E
HANTHORN ROAD SW	T	138	East Lima - Sterling	2043	E
HAP CREMEAN	T	138	Gahanna - Hap Cremean	7731	E
HAP CREMEAN	T	138	Hap Cremean - Morse Road	7732	E
HARGUS	D	138	Hargus (CCA) - Scippo	7631	E
HARRISON	T	138	Beatty Road - Harrison (CSP)	1983	E
HARRISON	T	138	Circleville - Harrison (CSP)	628	E
HARRISON	T	138	Harrison (Csp) - Marion Road	632	E
HARRISON	T	138	Harrison (Csp) - Poston	634	E
HAVILAND	T	138	East Lima - Haviland	2062	E
HAVILAND	T	138	Haviland - Timber Switch	16677	E
HAYDEN	T	345	Beatty Road - Hayden	570	E
HAYDEN	T	345	Hayden Sw. - Hyatt (CSP)	573	E
HAYDEN	T	345	Hayden Sw. - Roberts No. 1	14839	E

PUCO FORM FE-T8
AEP OHIO
SUMMARY OF EXISTING SUBSTATIONS ON TRANSMISSION LINES

Substation Name	Type (D) Distribution (T) Transmission	Voltage(s) (kV)	Line Association (FE3-T7 or FE3-T9 Notation)	Notation	Line Existing or Proposed
HAYDEN	T	345	Hayden Sw. - Roberts No. 2	574	E
HEATH	T	138	North Newark - West Millersport	2233	E
HEDDING ROAD SW	T	138	South Kenton - West Mount Vernon	748	E
HESS STREET	D	138	Hess Street - OSU	640	E
HESS STREET	D	138	Hess Street - Vine	679	E
HESS STREET	D	138	Hess Street - Wilson Road	641	E
HILLSBORO	T	138	*Hillsboro - Warren (Cinergy)	12737	E
HILLSBORO	T	138	Hillsboro - Hutchings	607	E
HILLSBORO	T	138	Hillsboro - Millbrook Park	2982	E
HILLSBORO	T	138	Hillsboro - Wildcat	18077	E
HILLVIEW DRIVE	D	138	Newcomerstown - West New Philadelphia	732	E
HOCKING	T	138	Hocking - Poston	10098	E
HOWARD	T	138	Academia - Howard	3761	E
HOWARD	T	138	Brookside - Howard	608	E
HOWARD	T	138	Bucyrus Center - Howard	688	E
HOWARD	T	138	Fostoria Central - Greenlawn - Howard	707	E
HOWARD	T	138	Howard - North Bellville	12239	E
HOWARD	T	138	Howard - Shelby #1	609	E
HOWARD	T	138	Howard - West End Fostoria	4783	E
HUNTLEY	T	138	Clinton - Huntley - Morse Road	657	E
HUNTLEY	T	138	Huntley - Linworth	665	E
HYATT	T	345	Conesville - Hyatt	576	E
HYATT	T	345	Corridor - Hyatt	575	E
HYATT	T	345	Hayden Sw. - Hyatt (CSP)	573	E
HYATT	T	345	Hyatt (OP) - Marysville	584	E
HYATT	T	345	Hyatt (OP) - Tandy	565	E
HYATT	T	345	Hyatt (OP) - West Millersport	550	E
HYATT	T	138	Delaware - Hyatt (CSP)	659	E
HYATT	T	138	Hyatt (CSP) - Maliszewski No. 1	6226	E
HYATT	T	138	Hyatt (CSP) - Maliszewski No. 2	6227	E
HYATT	T	138	Hyatt (Csp) - Sawmill	645	E
ITALIAN VILLAGE	T	138	Saint Clair - Vine	682	E
JUG STREET	T	345	Corridor - Jug Street	15237	E
JUG STREET	T	345	Jug Street - Kirk	15238	E
JUNCTION CITY SW	T	138	West Lancaster - Zanesville	767	E
KAMMER 138KV	T	138	George Washington - Kammer	773	E
KAMMER 138KV	T	138	Kammer - Natrium	775	E
KAMMER 138KV	T	138	Kammer - Ormet No. 1	722	E
KAMMER 138KV	T	138	Kammer - Ormet No. 2	2101	E
KAMMER 138KV	T	138	Kammer - Ormet No. 3	723	E
KAMMER 138KV	T	138	Kammer - Ormet No. 4	724	E

PUCO FORM FE-T8
AEP OHIO
SUMMARY OF EXISTING SUBSTATIONS ON TRANSMISSION LINES

Substation Name	Type (D) Distribution (T) Transmission	Voltage(s) (kV)	Line Association (FE3-T7 or FE3-T9 Notation)	Notation	Line Existing or Proposed
KAMMER 138KV	T	138	Kammer - West Bellaire	725	E
KAMMER 345KV	T	345	Kammer - Muskingum River	586	E
KAMMER 345KV	T	345	Kammer - Tidd	587	E
KAMMER 765-500KV	T	765	Kammer - Mountaineer	12	E
KAMMER 765-500KV	T	765	Kammer - South Canton	544	E
KARL ROAD	D	138	Clinton - Karl Road	2762	E
KARL ROAD	D	138	Genoa - Karl Road - Morse Road	639	E
KENNY	D	138	Clinton - Kenny	2761	E
KENNY	D	138	Kenny - Roberts	621	E
KIMBERLY	D	138	Hocking - Poston	10098	E
KIRK	T	345	Bixby - Kirk	8312	E
KIRK	T	345	Jug Street - Kirk	15238	E
KIRK	T	345	Kirk - West Millersport 345 kV	8311	E
KIRK	T	138	East Broad Street - Kirk No. 1	648	E
KIRK	T	138	East Broad Street - Kirk No. 2	649	E
KIRK	T	138	Kirk - Newark Center	2276	E
KIRK	T	138	Kirk - West Millersport 138 kV	598	E
LAYMAN	D	138	Corner - Muskingum River	4061	E
LICK	T	138	Addison - Lick - Sporn	597	E
LICK	T	138	Corwin - Lick	16117	E
LINWORTH	D	138	Bethel Road - Linworth	623	E
LINWORTH	D	138	Huntley - Linworth	665	E
LOCKWOOD ROAD	T	138	Lockwood Road - Richland	610	E
LOCKWOOD ROAD	T	138	Lockwood Road - Robison Park	771	E
LSII	D	138	Bixby - LSII	625	E
LSII	D	138	LSII - Marion Road	629	E
MADDOX CREEK	T	345	Blue Creek - Maddox Creek	16797	E
MALISZEWSKI 138 KV	T	138	Genoa - Maliszewski	6228	E
MALISZEWSKI 138 KV	T	138	Hyatt (CSP) - Maliszewski No. 1	6226	E
MALISZEWSKI 138 KV	T	138	Hyatt (CSP) - Maliszewski No. 2	6227	E
MALISZEWSKI 138 KV	T	138	Maliszewski - Polaris	6225	E
MALISZEWSKI 765 KV	T	765	Maliszewski - Marysville	6224	E
MALISZEWSKI 765 KV	T	765	Maliszewski - Vassell	19357	E
MALVERN	T	138	Tidd - Wagenhals	758	E
MARION ROAD	T	138	Canal Street - Marion Road	630	E
MARION ROAD	T	138	Harrison (Csp) - Marion Road	632	E
MARION ROAD	T	138	LSII - Marion Road	629	E
MARYSVILLE	T	765	Dumont - Marysville	545	E
MARYSVILLE	T	765	Flatlick - Marysville	8315	E
MARYSVILLE	T	765	Maliszewski - Marysville	6224	E
MARYSVILLE	T	345	East Lima - Marysville	583	E

PUCO FORM FE-T8
AEP OHIO
SUMMARY OF EXISTING SUBSTATIONS ON TRANSMISSION LINES

Substation Name	Type (D) Distribution (T) Transmission	Voltage(s) (kV)	Line Association (FE3-T7 or FE3-T9 Notation)	Notation	Line Existing or Proposed
MARYSVILLE	T	345	Hyatt (OP) - Marysville	584	E
MARYSVILLE	T	345	Marysville - Southwest Lima	585	E
MARYSVILLE	T	345	Marysville - Tangy	566	E
MCCOMB (CS)	T	138	Beatty Road - McComb	663	E
MCCOMB (CS)	T	138	Gay Street - McComb	672	E
MEIGS NO. 1	D	138	Dexter Sw. - Rutland	6281	E
MEIGS NO. 2	D	138	Dexter Sw. - Elliott - Poston	596	E
MIFFLIN	D	138	Mifflin - Saint Clair	5942	E
MIFFLIN	D	138	Mifflin - Stelzer	5941	E
MILES AVENUE	D	138	Torrey - West Canton	761	E
MILL CREEK (CSP)	D	138	*Mill Creek - Willow Island (APS)	11546	E
MILLBROOK PARK	T	138	Argentum - Millbrook Park	612	E
MILLBROOK PARK	T	138	East Wheelersburg - Millbrook	2344	E
MILLBROOK PARK	T	138	Gavin - Millbrook Park	711	E
MILLBROOK PARK	T	138	Hillsboro - Millbrook Park	2982	E
MILLBROOK PARK	T	138	Millbrook Park - North Portsmouth	727	E
MILLBROOK PARK	T	138	Millbrook Park - South Point	726	E
MILLERSPORT	D	138	Kirk - West Millersport 138 kV	598	E
MILLWOOD	D	138	Academia - Ohio Central	684	E
MILLWOOD	D	138	North Bellville - Philo Sw.	12240	E
MORSE ROAD	D	138	Blendon - Morse	9579	E
MORSE ROAD	D	138	Clinton - Huntley - Morse Road	657	E
MORSE ROAD	D	138	Corridor - Morse Road	647	E
MORSE ROAD	D	138	Genoa - Karl Road - Morse Road	639	E
MORSE ROAD	D	138	Hap Cremean - Morse Road	7732	E
MORSE ROAD	D	138	Morse Road - Stelzer	664	E
MOUND STREET	D	138	Canal Street - Mound Street	650	E
MOUND STREET	D	138	Mound Street - Saint Clair (CSP)	671	E
MULBERRY	D	138	Mulberry Sw. - Ross	673	E
MULBERRY	D	138	Mulberry Sw. - Waverly	5001	E
MUSKINGUM RIVER 138KV	T	138	Corner - Muskingum River	4061	E
MUSKINGUM RIVER 138KV	T	138	Crooksville - Muskingum River	695	E
MUSKINGUM RIVER 138KV	T	138	Globe Metal - Muskingum River	4942	E
MUSKINGUM RIVER 138KV	T	138	Muskingum River - Natrium	777	E
MUSKINGUM RIVER 138KV	T	138	Muskingum River - Steantown	19397	E
MUSKINGUM RIVER 138KV	T	138	Muskingum River - West Cambridge	729	E
MUSKINGUM RIVER 345KV	T	345	Beverly (IPP) - Muskingum	7791	E
MUSKINGUM RIVER 345KV	T	345	Kammer - Muskingum River	586	E
MUSKINGUM RIVER 345KV	T	345	Muskingum River - Ohio Central	19577	E
MUSKINGUM RIVER 345KV	T	345	Muskingum River - Waterford (IPP)	8011	E
MUSKINGUM RIVER 345KV	T	345	Muskingum River - West Millersport No. 1	589	E

PUCO FORM FE-T8
AEP OHIO
SUMMARY OF EXISTING SUBSTATIONS ON TRANSMISSION LINES

Substation Name	Type (D) Distribution (T) Transmission	Voltage(s) (kV)	Line Association (FE3-T7 or FE3-T9 Notation)	Notation	Line Existing or Proposed
MUSKINGUM RIVER 345KV	T	345	Muskingum River - West Millersport No. 2	590	E
NEGLEY	D	138	Torrey - West Canton	761	E
NEW LIBERTY	T	138	East Lima - New Liberty	697	E
NEW LIBERTY	T	138	Findlay Center - Fostoria Central - New Liberty	705	E
NEWARK CENTER	T	138	Conesville - Newark Center	2281	E
NEWARK CENTER	T	138	Kirk - Newark Center	2276	E
NEWCOMERSTOWN	T	138	Newcomerstown - South Coshocton	730	E
NEWCOMERSTOWN	T	138	Newcomerstown - West Cambridge	731	E
NEWCOMERSTOWN	T	138	Newcomerstown - West New Philadelphia	732	E
NORTH BELLVILLE	T	138	Howard - North Bellville	12239	E
NORTH BELLVILLE	T	138	North Bellville - Philo Sw.	12240	E
NORTH CROWN CITY	T	138	Gavin - North Proctorville	714	E
NORTH DELPHOS	T	138	Lincoln - Sterling	770	E
NORTH FINDLAY	T	138	East Lima - North Findlay	698	E
NORTH FINDLAY	T	138	Fostoria Central - North Findlay	706	E
NORTH LEXINGTON	D	138	Academia - Howard	3761	E
NORTH MUSKINGUM	T	138	Crooksville - Muskingum River	695	E
NORTH NEWARK	T	138	Crooksville - North Newark	694	E
NORTH NEWARK	T	138	North Newark - Ohio Central	4081	E
NORTH NEWARK	T	138	North Newark - West Millersport	2233	E
NORTH NEWARK	T	138	North Newark - West Mount Vernon	735	E
NORTH PHILO SW	T	138	Philo - Zanesville	2231	E
NORTH PORTSMOUTH	T	138	Central Portsmouth - North Portsmouth	693	E
NORTH PORTSMOUTH	T	138	Millbrook Park - North Portsmouth	727	E
NORTH PROCTORVILLE	T	765	Amos - Hanging Rock	13	E
NORTH PROCTORVILLE	T	138	Belleville - North Proctorville	194	E
NORTH PROCTORVILLE	T	138	Darrah - North Proctorville	185	E
NORTH PROCTORVILLE	T	138	East Huntington - North Proctorville - South Point	186	E
NORTH PROCTORVILLE	T	138	Gavin - North Proctorville	714	E
NORTH STRASBURG	D	138	Philo Sw. - South Canton	742	E
NORTH WALDO	T	138	South Kenton - West Mount Vernon	748	E
NORTH WOODCOCK	T	138	East Lima - North Findlay	698	E
NORTH ZANESVILLE	D	138	Ohio Central - Zanesville	738	E
NORTHEAST CANTON	T	138	Wagenhals - West Canton	762	E
NORTHEAST FINDLAY	T	138	Fostoria Central - North Findlay	706	E
NORTHWEST LIMA	D	138	East Lima - West Lima	701	E
OHIO CENTRAL	T	345	Galion - Ohio Central	19578	E
OHIO CENTRAL	T	345	Muskingum River - Ohio Central	19577	E
OHIO CENTRAL	T	138	Academia - Ohio Central	684	E
OHIO CENTRAL	T	138	Conesville - Ohio Central	2322	E
OHIO CENTRAL	T	138	Dresden - Ohio Central	9217	E

PUCO FORM FE-T8
AEP OHIO

SUMMARY OF EXISTING SUBSTATIONS ON TRANSMISSION LINES

Substation Name	Type (D) Distribution (T) Transmission (T)	Voltage(s) (kV)	Line Association (FE3-T7 or FE3-T9 Notation)	Notation	Line Existing or Proposed
OHIO CENTRAL	T	138	North Newark - Ohio Central	4081	E
OHIO CENTRAL	T	138	Ohio Central - Philo Sw.	739	E
OHIO CENTRAL	T	138	Ohio Central - South Coshocton	736	E
OHIO CENTRAL	T	138	Ohio Central - Zanesville	738	E
OSU	D	138	Clinton - OSU	686	E
OSU	D	138	Hess Street - OSU	640	E
OSU	D	138	OSU - West Campus	17137	E
PACKARD	D	138	Wagenhals - West Canton	762	E
PHILO SW	T	138	North Bellville - Philo Sw.	12240	E
PHILO SW	T	138	Ohio Central - Philo Sw.	739	E
PHILO SW	T	138	Philo - Zanesville	2231	E
PHILO SW	T	138	Philo Sw. - South Canton	742	E
POLARIS	D	138	Maliszewski - Polaris	6225	E
POLARIS	D	138	Polaris - Westar	14217	E
POSTON	T	138	Corwin - Poston	16118	E
POSTON	T	138	Crooksville - Poston - Strouds Run	2249	E
POSTON	T	138	Harrison (Csp) - Poston	634	E
POSTON	T	138	Hocking - Poston	10098	E
POSTON	T	138	Poston - Ross	2256	E
POWELSON	D	138	Ohio Central - Zanesville	738	E
PROMWAY	D	138	South Canton - Wayview	745	E
REEDURBAN	T	138	Torrey - West Canton	761	E
RIO	D	138	Addison - Lick - Sporn	597	E
RIVERVIEW (CSP)	D	138	Corner - Riverview	11542	E
RIVERVIEW (CSP)	D	138	Elkem Metals - Riverview	11543	E
RIVERVIEW (CSP)	D	138	Gorsuch - Riverview	11544	E
ROBERT P. MONE	T	345	Robison Park - RPMone	7616	E
ROBERTS	T	345	Hayden Sw. - Roberts No. 1	14839	E
ROBERTS	T	345	Hayden Sw. - Roberts No. 2	574	E
ROBERTS	T	138	Bethel Road - Roberts No. 1	620	E
ROBERTS	T	138	Fisher - Roberts	5282	E
ROBERTS	T	138	Kenny - Roberts	621	E
ROBERTS	T	138	Roberts - West Campus	17138	E
ROBERTS	T	138	Roberts-Wilson	2102	E
ROCKHILL (OP)	T	138	East Lima - Rockhill	699	E
ROCKHILL (OP)	T	138	Ford - Rockhill	2841	E
ROCKHILL (OP)	T	138	Rockhill - West Lima	743	E
ROSS	T	138	Delano - Kenworth - Ross	627	E
ROSS	T	138	Mulberry Sw. - Ross	673	E
ROSS	T	138	Poston - Ross	2256	E
ROZELLE	D	138	Mulberry Sw. - Waverly	5001	E

PUCO FORM FE-T8
AEP OHIO
SUMMARY OF EXISTING SUBSTATIONS ON TRANSMISSION LINES

Substation Name	Type (D) Distribution (T) Transmission (T)	Voltage(s) (kV)	Line Association (FE3-T7 or FE3-T9 Notation)	Notation	Line Existing or Proposed
RUTLAND	T	138	Dexter Sw. - Rutland	6281	E
RUTLAND	T	138	Rutland - Sporn	4306	E
S BLOOMINGVIL SW-TRA	T	138	Poston - Ross	2256	E
SAINT CLAIR AVENUE (CS)	D	138	Bexley - Saint Clair	624	E
SAINT CLAIR AVENUE (CS)	D	138	Clinton - Saint Clair	631	E
SAINT CLAIR AVENUE (CS)	D	138	Mifflin - Saint Clair	5942	E
SAINT CLAIR AVENUE (CS)	D	138	Mound Street - Saint Clair (CSP)	671	E
SAINT CLAIR AVENUE (CS)	D	138	Saint Clair - Vine	682	E
SAWMILL	T	138	Dublin - Sawmill	12717	E
SAWMILL	T	138	Hyatt (Csp) - Sawmill	645	E
SCIOTO TRAIL (CS)	D	138	Delano - Scioto Trail (CSP)	669	E
SCIOTO TRAIL (CS)	D	138	Scioto Trail - Scippo	670	E
SCIPPO	D	138	Circleville - Scippo	637	E
SCIPPO	D	138	Hargus (CCA) - Scippo	7631	E
SCIPPO	D	138	Scioto Trail - Scippo	670	E
SCOTTOWN SW	T	138	Apple Grove - South Point	184	E
SEAMAN	T	138	Adams - Seaman - Ware Road	18298	E
SHARP ROAD	T	138	North Newark - West Mount Vernon	735	E
SHAWNEE ROAD	T	138	Ordance Junction Sw. - Southwest Lima	741	E
SOMERTON	T	138	Muskingum River - Natrium	777	E
SOUTH BALTIMORE	T	138	South Baltimore - West Lancaster	18819	E
SOUTH BALTIMORE	T	138	South Baltimore - West Millersport	18818	E
SOUTH BERWICK	T	345	Galion - South Berwick	554	E
SOUTH CADIZ SW	T	138	Carrollton - Tidd	19758	E
SOUTH CALDWELL	T	138	Muskingum River - Steamtown	19397	E
SOUTH CANTON 138KV	T	138	East Wooster - South Canton	704	E
SOUTH CANTON 138KV	T	138	Philo Sw. - South Canton	742	E
SOUTH CANTON 138KV	T	138	South Canton - Southeast Canton 138 kV	744	E
SOUTH CANTON 138KV	T	138	South Canton - Timken - Richville Sw.	746	E
SOUTH CANTON 138KV	T	138	South Canton - Torrey	747	E
SOUTH CANTON 138KV	T	138	South Canton - Wayview	745	E
SOUTH CANTON 345KV	T	345	*South Canton - Sammis (FE)	564	E
SOUTH CANTON 345KV	T	345	*South Canton - Star (FE)	563	E
SOUTH CANTON 345KV	T	345	Canton Central - South Canton No. 2	580	E
SOUTH CANTON 345KV	T	345	South Canton - Southeast Canton 345 kV	14857	E
SOUTH CANTON 765KV	T	765	Kammer - South Canton	544	E
SOUTH COSHOCTON	T	138	Newcomerstown - South Coshocton	730	E
SOUTH COSHOCTON	T	138	Ohio Central - South Coshocton	736	E
SOUTH HICKSVILLE	T	138	Lockwood Road - Robison Park	771	E
SOUTH KENTON	T	138	East Lima - South Kenton	700	E
SOUTH KENTON	T	138	South Kenton - West Mount Vernon	748	E

PUCO FORM FE-T8
AEP OHIO
SUMMARY OF EXISTING SUBSTATIONS ON TRANSMISSION LINES

Substation Name	Type (D) Distribution (T) Transmission	Voltage(s) (kV)	Line Association (FE3-T7 or FE3-T9 Notation)	Notation	Line Existing or Proposed
SOUTH LANCASTER	T	138	Crooksville - South Lancaster	696	E
SOUTH LANCASTER	T	138	South Lancaster - West Lancaster	751	E
SOUTH POINT	T	138	East Huntington - North Proctorville - South Point	186	E
SOUTH POINT	T	138	Millbrook Park - South Point	726	E
SOUTH POINT	T	138	South Point - Tri State	2845	E
SOUTH TIFFIN	T	138	Howard - West End Fostoria	4783	E
SOUTH TORONTO	T	138	South Toronto - Weirton - Wylie Ridge	614	E
SOUTHEAST CANTON	T	345	South Canton - Southeast Canton 345 kV	14857	E
SOUTHEAST CANTON	T	138	Canton Central - Southeast Canton 138 kV	689	E
SOUTHEAST CANTON	T	138	South Canton - Southeast Canton 138 kV	744	E
SOUTHEAST CANTON	T	138	Southeast Canton - Sunnyside	749	E
SOUTHEAST CANTON	T	138	Southeast Canton - Timken	750	E
SOUTHWEST LIMA	T	345	*Shelby (DP&L) - Southwest Lima	559	E
SOUTHWEST LIMA	T	345	East Lima - Southwest Lima	582	E
SOUTHWEST LIMA	T	345	Marysville - Southwest Lima	585	E
SOUTHWEST LIMA	T	138	Ordinance Junction Sw. - Southwest Lima	741	E
SOUTHWEST LIMA	T	138	Southwest Lima - West Lima	752	E
SOUTHWEST LIMA	T	138	Southwest Lima - West Moulton	4842	E
SPENCER RIDGE SW	T	138	Crooksville - Poston - Strouds Run	2249	E
SPRING ROAD SW	T	138	Genoa - Karl Road - Morse Road	639	E
STEAMTOWN	T	138	Muskingum River - Steamtown	19397	E
STEAMTOWN	T	138	Steamtown - Summerfield	19398	E
STELZER	D	138	Mifflin - Stelzer	5941	E
STELZER	D	138	Morse Road - Stelzer	664	E
STERLING	T	138	East Lima - Sterling	2043	E
STERLING	T	138	Lincoln - Sterling	770	E
STERLING	T	138	Ordinance Junction Sw. - Sterling	740	E
STEBENVILLE	T	138	Steubenville - Tidd	753	E
STROUDS RUN	T	138	Crooksville - Poston - Strouds Run	2249	E
SUGARCREEK TERMINAL	D	138	Sugarcreek - West Dover	14697	E
SULLIVANT TERMINAL	T	138	Gay Street - McComb	672	E
SULPHUR SPRINGS	D	138	Bucyrus Center - Howard	688	E
SUMMERFIELD	T	138	Muskingum River - Natrium	777	E
SUMMERFIELD	T	138	Natrium - Summerfield	778	E
SUMMERFIELD	T	138	Steamtown - Summerfield	19398	E
SUMMERFIELD	T	138	Summerfield - Texas Eastern Berne	754	E
SUNNYSIDE	T	138	Carrollton - Sunnyside	19757	E
SUNNYSIDE	T	138	Southeast Canton - Sunnyside	749	E
SUNNYSIDE	T	138	Sunnyside - Torrey 138kV	755	E
SUNNYSIDE	T	138	Sunnyside - Wagenhals	756	E
SWITZER	T	138	Natrium - Summerfield	778	E

PUCO FORM FE-T8
AEP OHIO
SUMMARY OF EXISTING SUBSTATIONS ON TRANSMISSION LINES

Substation Name	Type (D) Distribution (T) Transmission	Voltage(s) (kV)	Line Association (FE3-T7 or FE3-T9 Notation)	Notation	Line Existing or Proposed
TAYLOR	D	138	East Broad Street - Kirk No. 1	648	E
THAYER ROAD	D	138	East Lima - Sterling	2043	E
THIVENER SW	T	138	Gavin - North Proctorville	714	E
THREE CREEKS SW	T	138	Bixby - Groves Road No. 1	658	E
TIDD 138KV	T	138	George Washington - Tidd	774	E
TIDD 138KV	T	138	Steubenville - Tidd	753	E
TIDD 138KV	T	138	Tidd - Wagenhals	758	E
TIDD 138KV	T	138	Tidd - Weirton	615	E
TIDD 138KV	T	138	Tidd - Weirton No. 2	616	E
TIDD 138KV	T	138	Tidd - Wheeling Steel No. 1	759	E
TIDD 138KV	T	138	Tidd - Wheeling Steel No. 2	760	E
TIDD 345KV	T	345	*Collier (DP&L) - Tidd	552	E
TIDD 345KV	T	345	Beverly (IPP) - Tidd	8811	E
TIDD 345KV	T	345	Canton Central - Tidd	578	E
TIDD 345KV	T	345	Kammer - Tidd	587	E
TIDD 345KV	T	345	Tidd - Wylie Ridge	567	E
TIFFIN CENTER	T	138	Fremont Center - Tiffin Center	709	E
TIFFIN CENTER	T	138	Greenlawn - Tiffin Center	710	E
TILTONSVILLE	T	138	West Bellaire - Windsor	617	E
TIMBER SW	T	138	Haviland - Timber Switch	16677	E
TIMBER SW	T	138	Timber Road No. 2 - Timber Switch	16817	E
TORREY	T	138	*Cloverdale (OE) - Torrey	2185	E
TORREY	T	138	South Canton - Torrey	747	E
TORREY	T	138	Sunnyside - Torrey 138kV	755	E
TORREY	T	138	Torrey - West Canton	761	E
TRABUE	D	138	Fisher - Roberts	5282	E
TRENT	D	138	Centerburg - Trent	13838	E
VASSELL	T	765	Kammer - Vassell	19899	E
VASSELL	T	765	Maliszewski - Vassell	19357	E
VINE	D	138	City of Columbus - Vine No. 1	619	E
VINE	D	138	City of Columbus - Vine No. 2	681	E
VINE	D	138	Gay Street - Vine	643	E
VINE	D	138	Hess Street - Vine	679	E
VINE	D	138	Saint Clair - Vine	682	E
WAGENHALS	T	138	Canton Central - Wagenhals No. 1	692	E
WAGENHALS	T	138	Canton Central - Wagenhals No. 2	2181	E
WAGENHALS	T	138	LTV Steel - Wagenhals No. 1	763	E
WAGENHALS	T	138	LTV Steel - Wagenhals No. 2	764	E
WAGENHALS	T	138	Sunnyside - Wagenhals	756	E
WAGENHALS	T	138	Tidd - Wagenhals	758	E
WAGENHALS	T	138	Wagenhals - West Canton	762	E

PUCO FORM FE-T8
AEP OHIO
SUMMARY OF EXISTING SUBSTATIONS ON TRANSMISSION LINES

Substation Name	Type (D) Distribution (T) Transmission	Voltage(s) (kV)	Line Association (FE3-T7 or FE3-T9 Notation)	Notation	Line Existing or Proposed
WAKEFIELD	T	138	Don Marquis - North Portsmouth	13677	E
WARE ROAD	T	138	Adams - Seaman - Ware Road	18298	E
WARE ROAD	T	138	Ware Road - Waverly	18299	E
WARNER SW	T	138	Sunnyside - Torrey 138kV	755	E
WATERFORD (OPC)	T	345	Muskingum River - Waterford (IPP)	8011	E
WATERFORD (OPC)	T	345	Sporn - Waterford	8433	E
WAVERLY	T	138	Don Marquis - Waverly No. 1	13679	E
WAVERLY	T	138	Don Marquis - Waverly No. 2	15137	E
WAVERLY	T	138	Mulberry Sw. - Waverly	5001	E
WAYVIEW	T	138	Ware Road - Waverly	18299	E
WAYVIEW	T	138	South Canton - Wayview	745	E
WAYVIEW	T	138	Wayview - West Canton	765	E
WEST BELLAIRE	T	345	Kammer - Tidd	587	E
WEST BELLAIRE	T	138	Brues - West Bellaire	772	E
WEST BELLAIRE	T	138	Kammer - West Bellaire	725	E
WEST BELLAIRE	T	138	West Bellaire - Windsor	617	E
WEST CAMBRIDGE	T	138	Muskingum River - West Cambridge	729	E
WEST CAMBRIDGE	T	138	Newcomerstown - West Cambridge	731	E
WEST CAMPUS	D	138	OSU - West Campus	17137	E
WEST CAMPUS	D	138	Roberts - West Campus	17138	E
WEST CANTON	T	138	Dale - West Canton	3864	E
WEST CANTON	T	138	Torrey - West Canton	761	E
WEST CANTON	T	138	Wagenhals - West Canton	762	E
WEST DOVER	T	138	Philo Sw. - South Canton	742	E
WEST DOVER	T	138	Sugarcreek - West Dover	14697	E
WEST END FOSTORIA	T	138	*Lemoine (FE) - West End Fostoria	618	E
WEST END FOSTORIA	T	138	Fostoria Central - West End Fostoria	708	E
WEST END FOSTORIA	T	138	Howard - West End Fostoria	4783	E
WEST FREMONT	D	138	*Fremont Center - West Fremont (FE)	11579	E
WEST HEBRON	T	138	Kirk - West Millersport 138 kV	598	E
WEST LANCASTER	T	138	Bixby - West Lancaster	593	E
WEST LANCASTER	T	138	South Baltimore - West Lancaster	18819	E
WEST LANCASTER	T	138	South Lancaster - West Lancaster	751	E
WEST LANCASTER	T	138	West Lancaster - Zanesville	767	E
WEST LIMA	T	138	East Lima - West Lima	701	E
WEST LIMA	T	138	Rockhill - West Lima	743	E
WEST LIMA	T	138	Southwest Lima - West Lima	752	E
WEST MILLERSPORT	T	345	Hyatt (OP) - West Millersport	550	E
WEST MILLERSPORT	T	345	Kirk - West Millersport 345 kV	8311	E
WEST MILLERSPORT	T	345	Muskingum River - West Millersport No. 1	589	E
WEST MILLERSPORT	T	345	Muskingum River - West Millersport No. 2	590	E

PUCO FORM FE-T8
AEP OHIO
SUMMARY OF EXISTING SUBSTATIONS ON TRANSMISSION LINES

Substation Name	Type (D) Distribution (T) Transmission (T)	Voltage(s) (kV)	Line Association (FE3-T7 or FE3-T9 Notation)	Notation	Line Existing or Proposed
WEST MILLERSPORT	T	138	Kirk - West Millersport 138 kV	598	E
WEST MILLERSPORT	T	138	North Fairfield - West Millersport	4962	E
WEST MILLERSPORT	T	138	North Newark - West Millersport	2233	E
WEST MILLERSPORT	T	138	South Baltimore - West Millersport	18818	E
WEST MOULTON	T	138	Southwest Lima - West Moulton	4842	E
WEST MOUNT VERNON	T	138	Academia - West Mount Vernon	685	E
WEST MOUNT VERNON	T	138	North Newark - West Mount Vernon	735	E
WEST MOUNT VERNON	T	138	South Kenton - West Mount Vernon	748	E
WEST NEW PHILADELPHIA	T	138	Newcomertown - West New Philadelphia	732	E
WEST NEW PHILADELPHIA	T	138	North Intertie (City of Dover) - South Canton	2003	E
WEST NEWTON SW	T	138	East Lima - South Kenton	700	E
WEST PHILO	D	138	Philo - Zanesville	2231	E
WEST TRINWAY	D	138	Academia - Ohio Central	684	E
WESTAR	T	138	Genoa - Westar	14218	E
WESTAR	T	138	Polaris - Westar	14217	E
WILDCAT	D	138	*Kenton (LGEE) - Wildcat	18078	E
WILDCAT	D	138	Hillsboro - Wildcat	18077	E
WILSON ROAD	T	138	Beatty Road - Wilson	1985	E
WILSON ROAD	T	138	Hess Street - Wilson Road	641	E
WILSON ROAD	T	138	Roberts-Wilson	2102	E
WOLF CREEK (CSP)	T	138	Corner - Muskingum River	4061	E
WOOSTER	T	138	East Wooster - Wooster	2253	E
YEARLING	D	138	Bexley - Yearling	2227	E
YEARLING	D	138	East Broad Street - Yearling	2228	E
YELLOW CREEK	T	138	East Leipsic - Yellow Creek	17718	E
YELLOWBUSH	T	138	Century Aluminum - Sporn South No. 2	13898	E
ZANESVILLE	T	138	Ohio Central - Zanesville	738	E
ZANESVILLE	T	138	Philo - Zanesville	2231	E
ZANESVILLE	T	138	West Lancaster - Zanesville	767	E
ZUBER	D	138	Beatty Road - Harrison (CSP)	1983	E

PUCO FORM FE-T9
AEP OHIO
SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

- | | |
|---|--|
| 1. Line Name and Number: | Indicate planned line name and number. |
| 2. Points of Origin and Termination: | Specify planned points of line origin and termination. |
| 3. Right-Of-Way: | Specify right-of-way length, average width and number of transmission lines above 125 kV. |
| 4. Voltage: | Specify planned design and operate voltage. |
| 5. Application For Certificate: | Indicate the probable date for filing an application for a certificate, to the extent possible. |
| 6. Construction: | Specify planned construction commencement and anticipated date of commercial operation. |
| 7. Capital Investment: | Provide preliminary initial estimates of capital investment including land acquisitions, right-of-way improvements, and facilities and equipment costs, as available at the time of reporting. |
| 8. Planned Substations: | Specify number of tentative location and names of planned substations, transmission voltages and average acreage required. |
| 9. Supporting Structures: | Indicate preliminary structure type(s). |
| 10. Participation with Other Utilities: | Specify the nature of participation with other utilities, if applicable. |
| 11. Purpose of the Planned Transmission Line | Indicate the preliminary purpose of the planned line (e.g., system reliability, connection of generating facilities, load center growth, etc.). |
| 12. Consequences of Line Construction Deferment or Termination: | Briefly describe the consequences of delay. |
| 13. Miscellaneous | Waivers to be requested, date of pre-application conference (optional), area to be served, and other significant information. |

PUCO FORM FE-T9
AEP OHIO
SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

1.	LINE NAME AND NUMBER:	Holloway-Tidd 345kV	Holloway-Beverly 345kV
2.	POINTS OF ORIGIN AND TERMINATION:	Holloway & Tidd stations	Holloway & Beverly Stations
	Intermediate Station		
3.	RIGHT-OF-WAY:	0.25 miles, 150 feet width R/W	0.25 miles, 150 feet width R/W
	LENGTH/WIDTH/CIRCUITS -		
4.	VOLTAGE:	345/345	345/345
	DESIGN/OPERATE		
5.	APPLICATION FOR CERTIFICATE:	Not required, less than a mile	Not required, less than a mile
6.	CONSTRUCTION:	2014	2014
7.	CAPITAL INVESTMENT:	Approx \$1.5M	Approx \$1.5M
8.	NAME -	Holloway	Holloway
	TRANS. VOLTAGE -	345	345
	ACREAGE -	Approx 10 acres	Approx 10 acres
	LOCATION -	Belmont County	Belmont County
9.	SUPPORTING STRUCTURES:	Double Circuit Towers, Overhead Construction	Double Circuit Towers, Overhead Construction
10.	PARTICIPATION WITH OTHER UTILITIES:	None	None
11.	PURPOSE OF THE PLANNED TRANSMISSION LINE:	Addresses reliability concerns in the EHV system, PJM Approved Reliability Project	Addresses reliability concerns in the EHV system, PJM Approved Reliability Project
12.	CONSEQUENCES OF LINE CONSTRUCTION DEFERMENT OR TERMINATION:	Will not be able to meet PJM Service Date to address issues of 6/1/2015	Will not be able to meet PJM Service Date to address issues of 6/1/2015
13.	MISCELLANEOUS:		

PUCO FORM FE-T10
AEP OHIO
SUMMARY OF PROPOSED SUBSTATIONS

Substation Name	Voltage(s) (kV)	Type Distribution (D) Transmission (T)	Timing*	Line Association(s)	Line Existing or Proposed	Minimum Substation Site Acreage
Hopetown	138/12	D	6/1/2016	Biers Run-Hopetown 138 kV	Proposed	Approx. 3 acres
Hopetown	138/12	D	6/1/2016	Hopetown-Delano 138 kV	Proposed	Approx. 3 acres

* Estimated

AEP OHIO LTFR
DISTRIBUTION FORMS
Case No. 14-501-EL-FOR

PUCO FORM FE-D1: AEP OHIO ENERGY DELIVERY FORECAST
(Megawatt Hours Per Year) (1)

	Year	(1) Residential	(2) Commercial	(3) Industrial	(4) Transportation	(5a) Other (b)	(5b) Energy Efficiency & Demand Response (c)	(6) Total End User Consumption 1+2+3+4+5a-5b	(7) Losses And Unaccounted For	(8) Net Energy For Load 6+7
-5	2009	14,731,380	14,379,032	16,632,302	0	131,554	259,908	45,614,360	4,308,655	49,923,016
-4	2010	15,540,983	14,579,621	17,559,056	0	128,733	369,198	47,439,195	3,940,038	51,379,234
-3	2011	15,313,018	14,443,812	19,044,910	0	123,332	491,819	48,433,253	3,933,869	52,367,122
-2	2012	14,783,196	14,346,495	18,218,814	0	119,585	562,007	46,906,083	3,702,142	50,608,225
-1	2013	14,819,061	14,344,853	16,019,210	0	124,762	593,178	44,714,709	3,532,283	48,246,992
0	2014	14,391,506	14,133,266	14,089,364	0	123,490	1,363,639	41,373,988	3,753,013	45,127,001
1	2015	14,382,247	14,323,887	14,341,959	0	124,295	1,818,810	41,353,578	3,719,134	45,072,712
2	2016	14,361,378	14,479,502	14,472,011	0	125,081	2,166,781	41,271,191	3,739,110	45,010,301
3	2017	14,364,402	14,597,383	14,544,096	0	125,952	2,396,531	41,235,302	3,725,127	44,960,429
4	2018	14,411,016	14,681,775	14,645,592	0	126,808	2,593,066	41,272,124	3,713,215	44,985,339
5	2019	14,461,602	14,756,267	14,752,658	0	127,634	2,995,336	41,102,825	3,706,994	44,809,819
6	2020	14,478,330	14,845,550	14,867,439	0	128,449	3,547,470	40,772,297	3,686,256	44,458,553
7	2021	14,517,947	14,970,652	14,991,707	0	129,315	3,983,035	40,626,586	3,654,320	44,280,906
8	2022	14,564,390	15,084,868	15,102,439	0	130,187	4,340,530	40,541,354	3,642,386	44,183,740
9	2023	14,602,633	15,197,977	15,192,102	0	131,025	4,631,275	40,492,463	3,670,801	44,163,264
10	2024	14,673,103	15,330,763	15,280,046	0	131,977	4,861,481	40,554,408	3,647,411	44,201,820

(a) Transportation includes railroads and railways.

(b) Other includes street & highway lighting, public authorities and interdepartmental sales.

(c) Historical energy efficiency reflects gross annual impacts of measures installed in that calendar year. Forecast energy efficiency is cumulative and is inclusive of the effects associated with measure degradation and obsolescence.

(1) The category breakdown refers to AEP Ohio's Ohio service area and excludes sales for resale.

PUCO FORM FE-D2: AEP OHIO ENERGY DELIVERY FORECAST
(Megawatt Hours/Year) (1)

	Year	(1) Residential	(2) Commercial	(3) Industrial	(4) Transportation (a)	(5) Other (b)	(6) Total End User Consumption 1+2+3+4+5	(7) Losses And Unaccounted For	(8) Net Energy For Load 6+7
-5	2009	14,642,180	14,217,974	16,622,652	0	131,554	45,614,360	4,308,655	49,923,016
-4	2010	15,385,983	14,453,923	17,470,556	0	128,733	47,439,195	3,940,038	51,379,234
-3	2011	15,081,581	14,269,466	18,958,873	0	123,332	48,433,253	3,933,869	52,367,122
-2	2012	14,485,388	14,176,103	18,125,006	0	119,585	46,906,083	3,702,142	50,608,225
-1	2013	14,486,431	14,187,874	15,915,643	0	124,762	44,714,709	3,532,283	48,246,992
0	2014	13,822,984	13,647,464	13,782,873	0	120,668	41,373,988	3,753,013	45,127,001
1	2015	13,668,741	13,680,862	13,883,675	0	120,299	41,353,578	3,719,134	45,072,712
2	2016	13,521,169	13,745,059	13,884,872	0	120,091	41,271,191	3,739,110	45,010,301
3	2017	13,466,449	13,806,778	13,841,999	0	120,075	41,235,302	3,725,127	44,960,429
4	2018	13,467,152	13,845,889	13,838,955	0	120,129	41,272,124	3,713,215	44,985,339
5	2019	13,405,648	13,807,839	13,769,761	0	119,578	41,102,825	3,706,994	44,809,819
6	2020	13,262,223	13,737,650	13,653,847	0	118,577	40,772,297	3,686,256	44,458,553
7	2021	13,179,929	13,745,019	13,583,728	0	117,910	40,626,586	3,654,320	44,280,906
8	2022	13,129,895	13,769,484	13,524,534	0	117,441	40,541,354	3,642,386	44,183,740
9	2023	13,093,079	13,816,181	13,466,094	0	117,109	40,492,463	3,670,801	44,163,264
10	2024	13,107,472	13,902,998	13,426,882	0	117,056	40,554,408	3,647,411	44,201,820

(a) Transportation includes railroads and railways.

(b) Other includes street & highway lighting, public authorities and interdepartmental sales.

(1) The category breakdown refers to AEP Ohio's total service area and excludes sales for resale.

PUCO FORM FE-D2: AEP SYSTEM - EAST ZONE ENERGY DELIVERY FORECAST
(Megawatt Hours Per Year) (1)

	Year	(1) Residential	(2) Commercial	(3) Industrial	(4) Transportation (a)	(5) Other (b)	(6) Total End User Consumption 1+2+3+4+5	(7) Losses And Unaccounted For	(8) Net Energy For Load 6+7
-5	2009								
-4	2010								
-3	2011								
-2	2012								
-1	2013								
0	2014								
1	2015								
2	2016								
3	2017								
4	2018								
5	2019								
6	2020								
7	2021								
8	2022								
9	2023								
10	2024								

(a) Transportation includes railroads and railways.

(b) Other includes street & highway lighting, public authorities and interdepartmental sales.

(1) AEP East Pool terminated effective January 1, 2014. Form FE-D2 is not applicable.

PUCO FORM FE-D3: AEP OHIO
SEASONAL PEAK LOAD DEMAND FORECAST (Megawatts)(1)

<u>Year</u>	<u>Native Load</u>			<u>Internal Load</u>		
	<u>Summer</u>	<u>Demand Response(a)(b)</u>	<u>Net Summer</u>	<u>Summer</u>	<u>Demand Response(a)</u>	<u>Net Summer</u>
-5 2009	8,688	33	8,655	8,734	33	8,701
-4 2010	9,176	46	9,130	9,258	46	9,212
-3 2011	9,881	75	9,807	9,886	75	9,812
-2 2012	9,408	64	9,343	9,445	64	9,380
-1 2013	9,071	94	8,977	9,098	94	9,004
0 2014	8,276	186	8,090	8,423	186	8,237
1 2015	8,503	312	8,190	8,503	312	8,190
2 2016	8,560	424	8,136	8,560	424	8,136
3 2017	8,601	464	8,137	8,601	464	8,137
4 2018	8,651	498	8,152	8,651	498	8,152
5 2019	8,691	571	8,120	8,691	571	8,120
6 2020	8,728	671	8,057	8,728	671	8,057
7 2021	8,805	751	8,055	8,805	751	8,055
8 2022	8,866	815	8,051	8,866	815	8,051
9 2023	8,905	864	8,041	8,905	864	8,041
10 2024	8,948	902	8,046	8,948	902	8,046

(a) Includes effects of energy efficiency and demand response programs.

(b) Historical energy efficiency reflects gross annual impacts of measures installed in that calendar year. Forecast energy efficiency is cumulative and is inclusive of the effects associated with measure degradation and obsolescence.

(c) Winter load reference is to peak loads which follow the summer peak load.

(1) Data refer to AEP Ohio's Ohio service area.

PUCO FORM FE-D4: AEP OHIO

SEASONAL PEAK LOAD DEMAND FORECAST (Megawatts)(1)

		Native Load		Internal Load	
	<u>Year</u>	<u>Summer</u>	<u>Winter(a)</u>	<u>Summer</u>	<u>Winter(a)</u>
-5	2009	8,959	7,978	9,005	8,024
-4	2010	9,490	8,126	9,572	8,173
-3	2011	10,143	7,798	10,148	7,880
-2	2012	9,633	7,944	9,670	8,082
-1	2013	9,358	7,434	9,385	7,595
0	2014	8,090	6,787	8,237	6,948
1	2015	8,190	6,919	8,190	6,919
2	2016	8,136	6,917	8,136	6,917
3	2017	8,137	6,912	8,137	6,912
4	2018	8,152	6,881	8,152	6,881
5	2019	8,120	6,807	8,120	6,807
6	2020	8,057	6,797	8,057	6,797
7	2021	8,055	6,779	8,055	6,779
8	2022	8,051	6,788	8,051	6,788
9	2023	8,041	6,768	8,041	6,768
10	2024	8,046	6,805	8,046	6,805

(a) Winter load reference is to peak loads which follow the summer peak load.

(1) Data refer to AEP Ohio's total service area.

Note: Wheeling Power Company ceased being a customer of AEP Ohio (1/1/14).

PUCO FORM FE-D4: AEP SYSTEM - EAST ZONE
SEASONAL PEAK LOAD DEMAND FORECAST (Megawatts)(1)

		Native Load		Internal Load	
	<u>Year</u>	<u>Summer</u>	<u>Winter(b)</u>	<u>Summer</u>	<u>Winter(a)</u>
-5	2009				
-4	2010				
-3	2011				
-2	2012				
-1	2013				
0	2014				
1	2015				
2	2016				
3	2017				
4	2018				
5	2019				
6	2020				
7	2021				
8	2022				
9	2023				
10	2024				

(a) Winter load reference is to peak loads which follow the summer peak load.

(1) AEP East Pool terminated effective January 1, 2014. Form FE-D4 is not applicable.

PUCO FORM FE-D5: AEP Ohio**Total Monthly Energy Forecast (MWh)**

<u>Year 0(a)</u>	<u>Ohio Portion</u>	<u>Total Service Area</u>	<u>System(b)</u>
January	4,190,795	4,190,795	
February	3,677,412	3,677,412	
March	3,719,418	3,719,418	
April	3,340,363	3,340,363	
May	3,496,496	3,496,496	
June	3,797,173	3,797,173	
July	4,317,340	4,317,340	
August	4,113,703	4,113,703	
September	3,518,033	3,518,033	
October	3,463,104	3,463,104	
November	3,503,282	3,503,282	
December	3,997,828	3,997,828	
Year 1			
January	4,187,123	4,187,123	
February	3,691,042	3,691,042	
March	3,749,370	3,749,370	
April	3,349,358	3,349,358	
May	3,489,544	3,489,544	
June	3,794,550	3,794,550	
July	4,289,221	4,289,221	
August	4,094,912	4,094,912	
September	3,507,354	3,507,354	
October	3,439,924	3,439,924	
November	3,508,649	3,508,649	
December	3,979,608	3,979,608	

(a) Actual data shall be indicated with an asterisk (*)

(b) AEP East Pool terminated effective 1/1/14.

Note: Wheeling Power Company ceased being a customer of AEP Ohio (1/1/14).

PUCO FORM FE-D6 AEP Ohio
Monthly Internal Peak Load Forecast (Megawatts)

Year 0(a)	Monthly Native Load Forecast					Monthly Internal Load Forecast				
	<u>Ohio</u> <u>Portion</u>	<u>Demand</u> <u>Response(b)</u>	<u>Net Ohio</u> <u>Portion</u>	<u>Total</u> <u>Service</u> <u>Area</u>	<u>System(c)</u>	<u>Ohio</u> <u>Portion</u>	<u>Demand</u> <u>Response(b)</u>	<u>Net Ohio</u> <u>Portion</u>	<u>Total</u> <u>Service</u> <u>Area</u>	<u>System(c)</u>
January	6,975	189	6,787	6,787		7,136	189	6,948	6,948	
February	6,754	194	6,560	6,560		6,915	194	6,721	6,721	
March	6,112	184	5,929	5,929		6,273	184	6,090	6,090	
April	5,663	170	5,493	5,493		5,824	170	5,654	5,654	
May	6,645	168	6,476	6,476		6,792	168	6,623	6,623	
June	7,420	178	7,242	7,242		7,567	178	7,389	7,389	
July	8,255	184	8,072	8,072		8,402	184	8,219	8,219	
August	8,276	186	8,090	8,090		8,423	186	8,237	8,237	
September	7,241	175	7,066	7,066		7,388	175	7,213	7,213	
October	5,684	166	5,519	5,519		5,831	166	5,666	5,666	
November	5,887	169	5,717	5,717		6,048	169	5,878	5,878	
December	6,517	284	6,233	6,233		6,678	284	6,394	6,394	
Year 1										
January	7,072	285	6,787	6,787		7,233	285	6,948	6,948	
February	6,851	284	6,567	6,567		7,012	284	6,728	6,728	
March	6,204	262	5,941	5,941		6,365	262	6,102	6,102	
April	5,748	245	5,503	5,503		5,909	245	5,664	5,664	
May	6,709	261	6,447	6,447		6,856	261	6,594	6,594	
June	7,473	292	7,181	7,181		7,620	292	7,328	7,328	
July	8,332	310	8,022	8,022		8,479	310	8,169	8,169	
August	8,356	312	8,043	8,043		8,503	312	8,190	8,190	
September	7,297	281	7,015	7,015		7,444	281	7,162	7,162	
October	5,742	235	5,507	5,507		5,889	235	5,654	5,654	
November	5,927	244	5,683	5,683		6,088	244	5,844	5,844	
December	6,537	316	6,221	6,221		6,698	316	6,382	6,382	

(a) Actual data shall be indicated with an asterisk (*)
(b) Includes effects of energy efficiency and demand response programs.
(c) AEP East Pool terminated effective 1/1/14.
Note: Wheeling Power Company ceased being a customer of AEP Ohio (1/1/14).

AEP OHIO LTFR
RESOURCE FORMS
Case No. 14-501-EL-FOR

PUCO Form FE-R1: AEP Ohio
Monthly Forecast of Electric Utility's Ohio Service Area Peak Load and Resources
Dedicated to Meet Ohio Service Area Peak Load
(Megawatts)

	Current Calendar Year											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Net Demonstrated Capability	0	0	0	0	0	0	0	0	0	0	0	0
Net Seasonal Capability	0	0	0	0	0	0	0	0	0	0	0	0
Purchases ^c	10,084	10,084	10,084	10,084	10,084	9,226	9,226	9,226	9,226	9,226	9,226	9,226
Sales	0	0	0	0	0	0	0	0	0	0	0	0
Available Capability	10,084	10,084	10,084	10,084	10,084	9,226	9,226	9,226	9,226	9,226	9,226	9,226
Native Load ^e	6,975	6,754	6,112	5,663	6,645	7,420	8,255	8,276	7,241	5,684	5,887	6,517
Native Load after Incremental DSM	6,787	6,560	5,929	5,493	6,476	7,242	8,072	8,090	7,066	5,519	5,717	6,233
Available Reserve	3,298	3,524	4,156	4,592	3,608	1,983	1,154	1,135	2,160	3,707	3,508	2,993
Internal Load ^{a,b}	6,948	6,721	6,090	5,654	6,623	7,389	8,219	8,237	7,213	5,666	5,878	6,394
Reserve ^d	3,137	3,363	3,995	4,431	3,461	1,836	1,007	988	2,013	3,560	3,347	2,832

	Next Calendar Year											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Net Demonstrated Capability	0	0	0	0	0	0	0	0	0	0	0	0
Net Seasonal Capability	0	0	0	0	0	0	0	0	0	0	0	0
Purchases ^c	9,226	9,226	9,226	9,226	9,226	9,173	9,173	9,173	9,173	9,173	9,173	9,173
Sales	0	0	0	0	0	0	0	0	0	0	0	0
Available Capability	9,226	9,226	9,226	9,226	9,226	9,173	9,173	9,173	9,173	9,173	9,173	9,173
Native Load ^e	7,072	6,851	6,204	5,748	6,709	7,473	8,332	8,356	7,297	5,742	5,927	6,537
Native Load after Incremental DSM	6,787	6,567	5,941	5,503	6,447	7,181	8,022	8,043	7,015	5,507	5,683	6,221
Available Reserve	2,439	2,658	3,284	3,723	2,779	1,992	1,152	1,130	2,158	3,666	3,490	2,952
Internal Load ^{a,b}	6,948	6,728	6,102	5,664	6,594	7,328	8,169	8,190	7,162	5,654	5,844	6,382
Reserve ^d	2,278	2,497	3,123	3,562	2,632	1,845	1,005	983	2,011	3,519	3,329	2,791

Notes: (a) Internal Load equals Native Load (after incremental DSM) plus Interruptible Load

(b) Actual data shall be indicated with an asterisk (*)

(c) Post 2013, all load is served with purchases

(d) Reflects assumption of PJM unforced capacity obligation margin of approx. 12% of summer peak

(e) Native load includes the impact of all planned and approved DSM

*** Totals may not foot due to rounding

PUCO Form FE-R2: **AEP System - East Zone**
Monthly Forecast of Electric Utility's System Service Area Peak Load and Resources
Dedicated to Meet System Service Area Peak Load
(Megawatts)

	Current Calendar Year											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Net Demonstrated Capability												
Net Seasonal Capability												
Purchases												
Sales												
Available Capability												
Native Load												
Native Load after Incremental DSM												
Available Reserve												
Internal Load												
Reserve												

	Next Calendar Year											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Net Demonstrated Capability												
Net Seasonal Capability												
Purchases												
Sales												
Available Capability												
Native Load												
Native Load after Incremental DSM												
Available Reserve												
Internal Load												
Reserve												

Notes: Former AEP System-East Zone companies plan generation on an individual company basis effective 1/1/14

PUCO Form FE-R3: **AEP System - East Zone**
Summary of Existing Electric Generation Facilities for the System)

Station Name	Location	Unit No.	Type of Units	Date of First On-Line Service	Expected Retirement Date	Generation Summer (MW)	Generation Winter (MW)	Environmental Protection Measures
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Note: AEP System - East Zone Not Applicable

PUCO Form FE-R4: **AEP Ohio**
Actual Generating Capability Dedicated to Meet Ohio Peak Load

		Unit Designation	Seasonal
Year/Season	Unit Name	Description	Total

Note: AEP Ohio has no generating capacity dedicated to meet AEP Ohio peak load.

PUCO Form FE-R5: **AEP Ohio**
 Projected Summer Generating Capability Changes To Meet Future Ohio Peak Load

Year/Season	Unit Name	Unit Designation	Capability		Seasonal
			Changes	Changes	Total

Note: AEP Ohio has no generating capacity dedicated to meet AEP Ohio peak load.

PUCO Form FE-R6: **AEP Ohio**
Electric Utility's Actual and Forecast Company Load and Resources
Dedicated to Meet Electric Utility's Ohio Peak Load
(Megawatts)
Summer Season

	(-5)	(-4)	(-3)	(-2)	(-1)	(0)	(1)	(2)
Net Demonstrated Capability	15,074	14,003	14,016	14,125	13,968			
Net Seasonal Capability	14,774	13,698	13,686	13,792	13,660			
Purchases ^c	416	598	604	475	472	9,226	9,173	9,113
Sales	1,739	1,770	1,829	1,530	1,378	0	0	0
Available Capability ^{a,c}	13,451	12,526	12,461	12,737	12,754	9,226	9,173	9,113
Native Load ^{1,2}	8,959	9,490	10,143	9,633	9,238	8,276	8,503	8,560
Native Load after Incremental DSM	8,959	9,490	10,143	9,633	9,238	8,090	8,190	8,136
Available Reserve	4,492	3,036	2,318	3,104	3,516	1,135	983	976
Internal Load ^b	9,005	9,572	10,148	9,670	9,381	8,237	8,190	8,136
Reserve ^d	4,446	2,954	2,313	3,067	3,373	988	983	976

	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Net Demonstrated Capability								
Net Seasonal Capability								
Purchases ^c	9,114	9,131	9,095	9,024	9,021	9,017	9,006	9,011
Sales	0	0	0	0	0	0	0	0
Available Capability ^{a,c}	9,114	9,131	9,095	9,024	9,021	9,017	9,006	9,011
Native Load ^{1,2}	8,601	8,651	8,691	8,728	8,805	8,866	8,905	8,948
Native Load after Incremental DSM	8,137	8,152	8,120	8,057	8,055	8,051	8,041	8,046
Available Reserve	976	978	974	967	967	966	965	965
Internal Load ^b	8,137	8,152	8,120	8,057	8,055	8,051	8,041	8,046
Reserve ^d	976	978	974	967	967	966	965	965

Notes: (a) Available Capability is equal to Net Seasonal Capability plus Purchases minus Sales
(b) Internal Load equals Native Load plus Interruptible Load
(c) Post 2013, all load is served with purchases
(d) Reflects assumption of PJM unforced capacity obligation margin of 12% of summer peak
(1) Native Load includes the effect of all Planned and Approved DSM
(2) For Native Load within Ohio, see Form FE-D3

*** Totals may not foot due to rounding

PUCO Form FE-R7: AEP System - East Zone
Actual and Forecast System Peak Load and Resources
Dedicated to Meet System Peak Load
(Megawatts)
Summer Season

	(-5)	(-4)	(-3)	(-2)	(-1)	(0)	(1)	(2)
Net Demonstrated Capability	28,686	27,102	27,143	28,124	27,716			
Net Seasonal Capability	28,123	26,539	26,557	27,340	27,089			
Purchases	680	1,408	1,445	1,131	1,194			
Sales	3,037	2,804	2,894	2,155	1,852			
Available Capability ^{a,c}	25,766	25,143	25,108	26,316	26,431			
Native Load ^d	19,488	20,905	21,986	20,890	20,215			
Native Load after Incremental DSM	19,488	20,905	21,986	20,890	20,205			
Available Reserve	6,278	4,238	3,122	5,426	6,226			
Interruptible Load	413	354	210	140	516			
Internal Load ^b	19,901	21,259	22,196	21,030	20,731			
Reserve	5,865	3,884	2,912	5,286	5,700			

	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Net Demonstrated Capability								
Net Seasonal Derate								
Net Seasonal Capability								
Purchases ^d								
Sales								
Available Capability ^{a,c}								
Native Load ^d								
Incremental DSM								
Native Load after Incremental DSM								
Available Reserve								
Interruptible Load								
Internal Load ^b								
Reserve								

Notes: (a) Available Capability is equal to Net Seasonal Capability plus Purchases minus Sales

(b) Internal Load equals Native Load plus Interruptible Load

(1) Native Load includes the effect of all Planned and Approved DSM

(2) Former AEP System-East Zone companies plan generation on an individual company basis effective 1/1/14

*** Totals may not foot due to rounding

PUCO Form FE-R8: **AEP Ohio**
Electric Utility's Actual and Forecast Ohio Peak Load and Resources
Dedicated to Meet Electric Utility's Ohio Peak Load
(Megawatts)
Winter Season

	(-5)	(-4)	(-3)	(-2)	(-1)	(0)	(1)	(2)
Net Demonstrated Capability	14,657	13,997	13,986	13,974				
Net Seasonal Capability	14,657	13,988	13,986	13,974				
Purchases ^c	912	652	670	512	472	9,226	9,173	9,113
Sales	1,750	1,693	1,842	1,529	0	0	0	0
Available Capability ^{a,c}	13,819	12,947	12,814	12,957	472	9,226	9,173	9,113
Native Load ^{1,2}	7,978	8,126	7,798	7,869	7,523	6,983	7,227	7,337
Native Load after Incremental DSM	7,978	8,126	7,798	7,869	7,067	6,787	6,919	6,917
Available Reserve	5,841	4,821	5,016	5,088	(6,595)	2,439	2,254	2,195
Internal Load ^b	8,024	8,173	7,880	8,031	7,228	6,948	6,919	6,917
Reserve	5,795	4,774	4,934	5,195	3,363	2,278	2,254	2,195

	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Net Demonstrated Capability								
Net Seasonal Capability								
Purchases ^c	9,114	9,131	9,095	9,024	9,021	9,017	9,006	9,011
Sales	0	0	0	0	0	0	0	0
Available Capability ^{a,c}	9,114	9,131	9,095	9,024	9,021	9,017	9,006	9,011
Native Load ^{1,2}	7,372	7,375	7,374	7,464	7,526	7,599	7,629	7,703
Native Load after Incremental DSM	7,372	7,375	7,374	7,464	7,526	7,599	7,629	7,703
Available Reserve	1,742	1,755	1,720	1,560	1,495	1,419	1,377	1,309
Internal Load ^b	6,912	6,881	6,807	6,797	6,779	6,788	6,768	6,805
Reserve	2,202	2,250	2,288	2,227	2,242	2,229	2,237	2,207

Notes: (a) Available Capability is equal to Net Seasonal Capability plus Purchases minus Sales

(b) Internal Load equals Native Load plus Interruptible Load

(c) Post 2013, all generation is purchased.

(1) Native Load includes the effect of all Planned and Approved DSM

*** Totals may not foot due to rounding

PUCO Form FE-R9: AEP System - East Zone
Actual and Forecast System Peak Load and Resources
Dedicated to Meet System Peak Load
(Megawatts)
Winter Season

	(-5)	(-4)	(-3)	(-2)	(-1)	(0)	(1)	(2)
Net Demonstrated Capability	28,754	27,089	27,166	27,768				
Net Seasonal Capability	28,754	27,089	27,166	27,768				
Purchases	503	1,556	1,581	1,238				
Sales	3,050	2,568	2,894	2,164				
Available Capability ^a	26,206	26,077	25,853	26,842				
Native Load ¹	19,947	20,053	18,922	19,695				
Native Load after Incremental DSM	19,947	20,053	18,922	19,695				
Available Reserve	6,259	6,024	6,931	7,147				
Internal Load ^b	20,360	20,605	19,420	20,216				
Reserve	5,846	5,472	6,433	6,626				

	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Net Demonstrated Capability								
Net Seasonal Capability								
Purchases								
Sales								
Available Capability ^a								
Native Load ¹								
Native Load after Incremental DSM								
Available Reserve								
Internal Load ^b								
Reserve								

Notes: (a) Available Capability is equal to Net Seasonal Capability plus Purchases minus Sales

(b) Internal Load equals Native Load plus Interruptible Load

(1) Native Load includes the effect of all Planned and Approved DSM

(2) Former AEP System-East Zone companies plan generation on an individual company basis effective 1/1/14

*** Totals may not foot due to rounding

PUCO Form FE-R10: AEP Ohio

Facility Name	Facility Location	Facility Type	Anticipated Capacity (MW)	Anticipated Capital Cost (\$/kW)	Application Timing	Construction Timing	Planned Pollution Control Measures	Fuel	Miscellaneous
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Note: AEP Ohio has no generating capacity dedicated to meet AEP Ohio peak load.

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in

Case No(s). 14-0501-EL-FOR

Summary: Report -Long-Term Forecast Report (LTFR) electronically filed by Mr. Steven T Nourse on behalf of Ohio Power Company