



Legal Department

American Electric Power
1 Riverside Plaza
Columbus, OH 43215
aep.com

April 16, 2018

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)
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RE: *In the Matter of the Long-Term Forecast Report of AEP Ohio and Related Matters*, Case No. 18-501-EL-FOR.

Dear Ms. McNeal:

I am submitting the enclosed 2018 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 2018 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. 18-501-EL-FOR

2018

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 16, 2018

CERTIFICATE OF SERVICE

I hereby certify that:

1. Pursuant to Section 4901:5-1-03(F), Ohio Administrative Code, copies of AEP Ohio's 2018 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 2018 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 2018 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 2018 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 16, 2018

Dated this day in Columbus, Ohio

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

AEP Ohio's 2018 Long-Term Forecast Report is true and correct to the best of my knowledge and belief.



Marc D. Reitter
Vice President - Regulatory and Finance
AEP Ohio

April 16, 2018
Dated this day in Columbus, Ohio

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AEP OHIO LTFR
TRANSMISSION FORMS
Case No. 18-501-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)			(4)+(5)	(3)+(6)			(8)+(9)	(7)-(10)		(11)-(12)
		Energy Receipts from Generation Sources Connected to the System	Energy Receipts from Generation Sources Connected to the System	Energy Receipts from Generation Sources Connected to the System	Energy Receipts from Generation Sources Connected to the System	Energy Receipts from Generation Sources Connected to the System	Energy Receipts from Generation Sources Connected to the System	Energy Receipts from Generation Sources Connected to the System	Energy Receipts from Generation Sources Connected to the System	Energy Receipts from Generation Sources Connected to the System	Energy Receipts from Generation Sources Connected to the System	Energy Receipts from Generation Sources Connected to the System	Energy Receipts from Generation Sources Connected to the System
		Inside Ohio	Outside Ohio	Ohio	Outside Ohio	Ohio	Outside Ohio	Ohio	Outside Ohio	Ohio	Outside Ohio	Ohio	Outside Ohio
Year		Receipts from Generation Sources Connected to the System	Receipts from Generation Sources Connected to the System	Receipts from Generation Sources Connected to the System	Receipts from Generation Sources Connected to the System	Receipts from Generation Sources Connected to the System	Receipts from Generation Sources Connected to the System	Receipts from Generation Sources Connected to the System	Receipts from Generation Sources Connected to the System	Receipts from Generation Sources Connected to the System	Receipts from Generation Sources Connected to the System	Receipts from Generation Sources Connected to the System	Receipts from Generation Sources Connected to the System
		Inside Ohio	Outside Ohio	Ohio	Outside Ohio	Ohio	Outside Ohio	Ohio	Outside Ohio	Ohio	Outside Ohio	Ohio	Outside Ohio
-5	2013	60,983,323	12,352,465	73,335,788	15,874,190	49,988,937	123,324,725	22,826,767	40,565,451	63,392,218	59,932,507	57,178,595	2,753,912
-4	2014	64,371,847	13,875,212	78,247,059	12,553,316	42,703,020	120,950,079	22,928,421	38,743,599	61,672,020	59,278,058	56,031,391	3,246,667
-3	2015	59,992,484	12,209,779	72,202,262	11,871,109	45,547,658	117,749,921	19,654,683	38,748,629	58,403,313	59,346,608	55,589,871	3,756,737
-2	2016	58,911,112	13,615,540	72,526,651	11,936,640	41,031,050	113,557,702	22,212,300	31,655,996	53,868,296	59,689,406	55,798,660	3,890,745
-1	2017	57,597,177	13,800,835	71,398,012	12,396,688	37,030,250	108,428,262	21,167,471	28,469,178	49,636,649	58,791,613	54,759,110	4,032,503
0	2018	57,965,619	13,889,117	71,854,736	12,475,988	37,267,128	109,121,864	21,302,876	28,651,292	49,954,168	59,167,695	55,095,385	4,072,311
1	2019	57,993,131	13,895,709	71,888,841	12,481,909	37,284,816	109,173,657	21,312,988	28,664,891	49,977,878	59,195,779	55,219,207	3,976,572
2	2020	57,891,277	13,871,304	71,762,581	12,459,987	37,219,332	108,981,913	21,275,555	28,614,546	49,890,101	59,091,812	55,109,442	3,982,370
3	2021	57,964,569	13,888,866	71,853,435	12,475,762	37,266,453	109,119,888	21,302,491	28,650,773	49,953,264	59,166,624	55,174,340	3,992,285
4	2022	58,068,831	13,913,848	71,982,679	12,498,202	37,333,485	109,316,164	21,340,808	28,702,308	50,043,116	59,273,048	55,267,456	4,005,592
5	2023	58,322,701	13,974,678	72,297,379	12,552,843	37,496,703	109,794,082	21,434,107	28,827,791	50,261,898	59,532,183	55,509,183	4,023,000
6	2024	58,477,262	14,011,712	72,488,974	12,586,109	37,596,073	110,085,047	21,490,910	28,904,187	50,395,097	59,689,950	55,652,781	4,037,169
7	2025	58,542,570	14,027,360	72,569,930	12,600,166	37,638,060	110,207,990	21,514,911	28,936,468	50,451,379	59,756,611	55,709,088	4,047,524
8	2026	58,625,323	14,047,189	72,672,512	12,617,977	37,691,264	110,363,776	21,545,324	28,977,371	50,522,695	59,841,081	55,782,606	4,058,475
9	2027	58,779,015	14,084,015	72,863,029	12,651,056	37,790,075	110,653,104	21,601,807	29,053,338	50,655,145	59,997,960	55,926,743	4,071,216
10	2028	59,034,307	14,145,185	73,179,492	12,706,003	37,954,207	111,133,699	21,695,629	29,179,524	50,875,153	60,258,546	56,169,994	4,088,553

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	Total Energy Receipts from Generation Sources	Energy Receipts at Interconnections with Other Transmission Companies Inside Ohio	Energy Receipts at Interconnections with Other 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 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	2013	60,983,323	78,043,120	139,026,443	15,929,882	56,476,433	72,406,315	211,432,758	22,882,459	56,250,427	79,132,886	132,299,872	57,178,595
-4	2014	64,371,847	88,360,063	152,731,910	12,553,316	50,608,265	63,161,581	215,893,490	22,928,421	60,844,400	83,772,821	132,120,670	56,031,391
-3	2015	59,992,484	78,718,213	138,710,697	11,871,109	54,057,730	65,928,840	204,639,537	19,654,683	55,009,272	74,663,955	129,975,581	55,589,871
-2	2016	58,911,112	79,603,809	138,514,921	11,936,640	47,878,567	59,815,206	198,330,127	22,212,300	46,547,657	68,759,956	129,570,171	55,798,660
-1	2017	57,597,177	81,708,101	139,305,278	12,396,688	48,760,428	61,157,116	200,462,394	21,169,897	52,759,870	73,929,767	126,532,627	54,759,110
0	2018	58,434,973	82,896,609	141,331,582	12,577,007	49,469,686	62,046,694	203,378,276	21,477,829	53,527,303	75,005,133	128,373,143	55,095,385
1	2019	58,400,213	82,847,298	141,247,511	12,569,526	49,440,259	62,009,785	203,257,296	21,465,053	53,495,463	74,960,516	128,296,780	55,219,207
2	2020	58,254,379	82,640,416	140,894,795	12,538,138	49,316,800	61,854,938	202,749,733	21,411,452	53,361,877	74,773,328	127,976,404	55,109,442
3	2021	58,440,241	82,904,082	141,344,323	12,578,141	49,474,146	62,052,287	203,396,610	21,479,765	53,532,129	75,011,894	128,384,716	55,174,340
4	2022	58,536,398	83,040,492	141,576,889	12,598,837	49,555,550	62,154,387	203,731,276	21,515,108	53,620,210	75,135,318	128,595,958	55,267,456
5	2023	58,723,729	83,306,242	142,029,971	12,639,157	49,714,140	62,353,297	204,383,268	21,583,962	53,791,808	75,375,770	129,007,498	55,509,183
6	2024	58,856,654	83,494,812	142,351,466	12,667,766	49,826,672	62,494,438	204,845,904	21,632,819	53,913,570	75,546,388	129,299,515	55,652,781
7	2025	58,916,337	83,579,479	142,495,816	12,680,612	49,877,198	62,557,810	205,053,626	21,654,755	53,968,240	75,622,996	129,430,631	55,709,088
8	2026	58,987,178	83,679,974	142,667,152	12,695,859	49,937,170	62,633,029	205,300,181	21,680,793	54,033,131	75,713,924	129,586,257	55,782,606
9	2027	59,110,811	83,855,362	142,966,173	12,722,469	50,041,835	62,764,304	205,730,477	21,726,234	54,146,381	75,872,616	129,857,862	55,926,743
10	2028	59,321,368	84,154,061	143,475,428	12,767,787	50,220,088	62,987,875	206,463,303	21,803,624	54,339,254	76,142,879	130,320,424	56,169,994
													74,150,430

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	2013	10,519	9,565	10,546	9,742
-4	2014	9,542	9,178	9,689	9,337
-3	2015	9,913	8,869	9,913	8,869
-2	2016	10,111	8,921	10,111	8,921
-1	2017	9,651	8,722	9,651	8,722
0	2018	10,146	8,742	10,146	8,742
1	2019	10,173	8,725	10,173	8,725
2	2020	10,167	8,751	10,167	8,751
3	2021	10,169	8,761	10,169	8,761
4	2022	10,189	8,789	10,189	8,789
5	2023	10,223	8,800	10,223	8,800
6	2024	10,249	8,804	10,249	8,804
7	2025	10,267	8,810	10,267	8,810
8	2026	10,290	8,824	10,290	8,824
9	2027	10,325	8,857	10,325	8,857
10	2028	10,378	7,984	10,378	7,984

- 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	2013	10,901	9,950	10,928	10,127
-4	2014	10,008	9,672	10,155	9,831
-3	2015	10,424	9,417	10,424	9,417
-2	2016	10,670	9,414	10,670	9,414
-1	2017	10,200	9,236	10,200	9,236
0	2018	10,680	9,244	10,680	9,244
1	2019	10,700	9,232	10,700	9,232
2	2020	10,691	9,259	10,691	9,259
3	2021	10,697	9,271	10,697	9,271
4	2022	10,720	9,300	10,720	9,300
5	2023	10,755	9,313	10,755	9,313
6	2024	10,781	9,322	10,781	9,322
7	2025	10,803	9,330	10,803	9,330
8	2026	10,828	9,346	10,828	9,346
9	2027	10,864	9,375	10,864	9,375
10	2028	10,919	8,489	10,919	8,489

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). However, Wheeling Power Company remains interconnected to the AEP Ohio transmission system.

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	2013	22,689	23,890	22,858	24,421
-4	2014	21,070	24,187	21,411	24,739
-3	2015	21,602	22,060	21,876	22,256
-2	2016	22,096	21,230	22,488	21,613
-1	2017	21,268	21,379	21,660	21,762
0	2018	22,074	21,358	22,466	21,741
1	2019	22,054	21,316	22,446	21,699
2	2020	22,018	21,340	22,410	21,723
3	2021	22,059	21,355	22,451	21,738
4	2022	22,110	21,421	22,502	21,804
5	2023	22,181	21,409	22,573	21,792
6	2024	22,218	21,459	22,610	21,842
7	2025	22,283	21,470	22,675	21,853
8	2026	22,330	21,497	22,722	21,880
9	2027	22,400	21,511	22,792	21,894
10	2028	22,469	18,388	22,861	18,771

- 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	5,203,953	5,551,393	12,379,712
February	4,616,289	4,928,317	10,985,795
March	4,652,088	5,005,320	10,858,491
April	4,110,692	4,446,379	9,530,121
May	4,208,190	4,549,919	9,718,499
June	4,654,938	4,982,333	10,564,384
July	5,088,907	5,435,129	11,572,591
August	4,999,657	5,361,050	11,539,282
September	4,318,665	4,653,793	9,901,133
October	4,201,718	4,540,234	9,757,242
November	4,260,461	4,583,749	10,103,024
December	4,779,828	5,130,079	11,462,869
Year 1			
January	5,219,317	5,558,909	12,370,300
February	4,630,593	4,935,470	10,979,996
March	4,648,727	4,991,873	10,823,196
April	4,138,088	4,466,098	9,567,601
May	4,220,910	4,554,497	9,723,030
June	4,653,597	4,972,730	10,535,456
July	5,118,439	5,457,210	11,599,301
August	4,998,016	5,350,672	11,501,588
September	4,343,731	4,671,544	9,929,171
October	4,205,870	4,536,336	9,747,868
November	4,254,506	4,570,357	10,064,771
December	4,787,413	5,130,082	11,454,504

- 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). However, Wheeling Power Company remains interconnected to the AEP Ohio transmission system.

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	8,562	9,092	21,265
February	8,722	9,236	21,762
March	7,733	8,254	18,364
April	7,284	7,808	16,852
May	8,045	8,561	18,122
June	9,391	9,886	20,615
July	10,146	10,680	22,466
August	9,895	10,456	22,245
September	9,279	9,807	20,792
October	7,127	7,626	16,481
November	7,156	7,639	17,372
December	7,896	8,402	18,687
Year 1			
January	8,583	9,101	21,236
February	8,742	9,244	21,741
March	7,755	8,265	18,348
April	7,304	7,815	16,853
May	8,154	8,664	18,306
June	9,420	9,906	20,637
July	10,173	10,700	22,446
August	9,923	10,473	22,226
September	9,305	9,822	20,793
October	7,144	7,631	16,497
November	7,158	7,630	17,340
December	7,891	8,387	18,643

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

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 2017

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			6,564,160
Energy Receipts from other sources			4,160,294
Total Energy Receipts			10,724,454

Reporting Month: February 2017

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			5,758,583
Energy Receipts from other sources			3,297,549
Total Energy Receipts			9,056,132

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 2017

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			6,800,568
Energy Receipts from other sources			3,118,005
Sources minus Delivery ^a			
Total Energy Receipts			9,918,573

Reporting Month: April 2017

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			5,266,673
Energy Receipts from other sources			2,839,725
Total Energy Receipts			8,106,398

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 2017

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			6,092,036
Energy Receipts from other sources			2,261,363
Total Energy Receipts			8,353,399

Reporting Month: June 2017

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			6,331,865
Energy Receipts from other sources			2,284,756
Total Energy Receipts			8,616,622

- 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 2017

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			6,666,773
Energy Receipts from other sources			2,664,550
Total Energy Receipts			9,331,323

Reporting Month: August 2017

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			6,236,114
Energy Receipts from other sources			2,771,958
Total Energy Receipts			9,008,073

- 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 2017

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			4,884,437
Energy Receipts from other sources			2,632,314
Total Energy Receipts			7,516,751

Reporting Month: October 2017

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			4,318,742
Energy Receipts from other sources			3,591,959
Total Energy Receipts			7,910,701

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 2017

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			5,271,930
Energy Receipts from other sources			3,340,980
Total Energy Receipts			8,612,910

Reporting Month: December 2017

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			7,206,130
Energy Receipts from other sources			4,066,797
Total Energy Receipts			11,272,926

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 2017

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			3,740,494
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric Systems			547,207
Municipal-Owned Electric Systems			267,092
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			5,504,618
Total Energy Deliveries			10,059,412

Reporting Month: January 2017

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			3,740,494
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			547,207
Municipally-Owned Electric Systems			267,092
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			2,080,973
Total Energy Deliveries			6,635,767

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 2017

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			3,206,558
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric Systems			456,533
Municipal-Owned Electric Systems			243,039
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			4,569,870
Total Energy Deliveries			8,475,999

Reporting Month: February 2017

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			3,206,558
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			456,533
Municipally-Owned Electric Systems			243,039
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			1,812,091
Total Energy Deliveries			5,718,221

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 2017

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			3,778,418
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric Systems			487,397
Municipal-Owned Electric Systems			276,828
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			4,968,128
Total Energy Deliveries			9,510,771

Reporting Month: March 2017

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			3,778,418
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			487,397
Municipally-Owned Electric Systems			276,828
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			2,102,757
Total Energy Deliveries			6,645,400

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 2017

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			3,108,801
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric Systems			397,640
Municipal-Owned Electric Systems			253,460
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			3,816,665
Total Energy Deliveries			7,576,566

Reporting Month: April 2017

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			3,108,801
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			397,640
Municipally-Owned Electric Systems			253,460
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			1,606,007
Total Energy Deliveries			5,365,908

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 2017

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			3,426,047
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric Systems			430,366
Municipal-Owned Electric Systems			261,285
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			3,745,477
Total Energy Deliveries			7,863,174

Reporting Month: May 2017

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			3,426,047
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			430,366
Municipally-Owned Electric Systems			261,285
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			1,753,076
Total Energy Deliveries			5,870,773

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 2017

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			3,601,189
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric Systems			455,237
Municipal-Owned Electric Systems			281,539
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			3,608,014
Total Energy Deliveries			7,945,980

Reporting Month: June 2017

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			3,601,189
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			455,237
Municipally-Owned Electric Systems			281,539
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			1,670,173
Total Energy Deliveries			6,008,138

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: July 2017

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			3,984,274
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric Systems			512,728
Municipal-Owned Electric Systems			297,378
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			3,875,738
Total Energy Deliveries			8,670,119

Reporting Month: July 2017

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			3,984,274
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			512,728
Municipally-Owned Electric Systems			297,378
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			1,838,260
Total Energy Deliveries			6,632,641

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 2017

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			3,821,112
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric Systems			482,795
Municipal-Owned Electric Systems			301,955
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			3,769,876
Total Energy Deliveries			8,375,739

Reporting Month: August 2017

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			3,821,112
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			482,795
Municipally-Owned Electric Systems			301,955
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			1,906,186
Total Energy Deliveries			6,512,048

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 2017

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			3,384,225
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric Systems			419,615
Municipal-Owned Electric Systems			269,386
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			2,804,187
Total Energy Deliveries			6,877,413

Reporting Month: September 2017

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			3,384,225
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			419,615
Municipally-Owned Electric Systems			269,386
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			1,617,500
Total Energy Deliveries			5,690,725

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 2017

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			3,405,127
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric Systems			427,344
Municipal-Owned Electric Systems			272,064
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			3,254,644
Total Energy Deliveries			7,359,179

Reporting Month: October 2017

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			3,405,127
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			427,344
Municipally-Owned Electric Systems			272,064
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			1,475,898
Total Energy Deliveries			5,580,433

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 2017

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			3,449,631
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric Systems			477,715
Municipal-Owned Electric Systems			257,113
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			3,881,290
Total Energy Deliveries			8,065,749

Reporting Month: November 2017

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			3,449,631
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			477,715
Municipally-Owned Electric Systems			257,113
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			1,424,013
Total Energy Deliveries			5,608,472

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 2017

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			3,816,624
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric Systems			571,389
Municipal-Owned Electric Systems			274,123
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			5,838,142
Total Energy Deliveries			10,500,277

Reporting Month: December 2017

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			3,816,624
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			571,389
Municipally-Owned Electric Systems			274,123
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			1,880,537
Total Energy Deliveries			6,542,673

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 2017

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			665,042

Reporting Month: February 2017

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			580,133

Reporting Month: March 2017

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			407,803

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 2017

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			529,832

Reporting Month: May 2017

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			490,225

Reporting Month: June 2017

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			670,642

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 2017

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			661,205

Reporting Month: August 2017

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			632,334

Reporting Month: September 2017

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			639,339

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 2017

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			551,521

Reporting Month: November 2017

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			547,161

Reporting Month: December 2017

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			772,649

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 2017

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			12,993,018
Energy Receipts from other sources			5,913,461
Total Energy Receipts			18,906,479

Reporting Month: February 2017

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			11,276,888
Energy Receipts from other sources			5,001,295
Total Energy Receipts			16,278,183

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 2017

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			12,277,487
Energy Receipts from other sources			5,015,092
Sources minus Delivery ^a			
Total Energy Receipts			17,292,578

Reporting Month: April 2017

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			9,686,983
Energy Receipts from other sources			4,976,374
Total Energy Receipts			14,663,357

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: May 2017

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			11,603,337
Energy Receipts from other sources			3,810,291
Total Energy Receipts			15,413,628

Reporting Month: June 2017

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			12,220,377
Energy Receipts from other sources			3,935,567
Total Energy Receipts			16,155,944

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 2017

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			13,327,330
Energy Receipts from other sources			4,405,515
Total Energy Receipts			17,732,845

Reporting Month: August 2017

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			12,531,781
Energy Receipts from other sources			5,028,218
Total Energy Receipts			17,559,999

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 2017

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			9,903,067
Energy Receipts from other sources			5,420,282
Total Energy Receipts			15,323,348

Reporting Month: October 2017

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			9,666,517
Energy Receipts from other sources			5,446,381
Total Energy Receipts			15,112,898

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 2017

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			9,604,368
Energy Receipts from other sources			6,132,525
Total Energy Receipts			15,736,893

Reporting Month: December 2017

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			14,214,126
Energy Receipts from other sources			6,072,115
Total Energy Receipts			20,286,241

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 2017

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			9,308,380
Other Investor-Owned Electric Utilities			55,227
Cooperative-Owned Electric Systems			706,693
Municipal-Owned Electric Systems			412,604
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			7,352,076
Total Energy Deliveries			17,834,980

Reporting Month: January 2017

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 2017

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			7,771,312
Other Investor-Owned Electric Utilities			45,489
Cooperative-Owned Electric Systems			597,005
Municipal-Owned Electric Systems			364,108
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			6,443,066
Total Energy Deliveries			15,220,980

Reporting Month: February 2017

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 2017

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			9,485,204
Other Investor-Owned Electric Utilities			49,575
Cooperative-Owned Electric Systems			646,418
Municipal-Owned Electric Systems			396,004
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			6,494,041
Total Energy Deliveries			17,071,241

Reporting Month: March 2017

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 2017

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			7,456,384
Other Investor-Owned Electric Utilities			36,836
Cooperative-Owned Electric Systems			542,226
Municipal-Owned Electric Systems			358,973
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			5,407,096
Total Energy Deliveries			13,801,516

Reporting Month: April 2017

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 2017

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			8,215,796
Other Investor-Owned Electric Utilities			37,557
Cooperative-Owned Electric Systems			556,915
Municipal-Owned Electric Systems			377,239
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			5,682,237
Total Energy Deliveries			14,869,744

Reporting Month: May 2017

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 2017

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			8,549,411
Other Investor-Owned Electric Utilities			38,566
Cooperative-Owned Electric Systems			612,815
Municipal-Owned Electric Systems			415,528
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			5,592,761
Total Energy Deliveries			15,209,082

Reporting Month: June 2017

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 2017

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			9,484,896
Other Investor-Owned Electric Utilities			44,711
Cooperative-Owned Electric Systems			682,654
Municipal-Owned Electric Systems			455,831
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			6,142,631
Total Energy Deliveries			16,810,724

Reporting Month: July 2017

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 2017

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			9,164,724
Other Investor-Owned Electric Utilities			41,708
Cooperative-Owned Electric Systems			649,003
Municipal-Owned Electric Systems			447,649
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			6,421,798
Total Energy Deliveries			16,724,882

Reporting Month: August 2017

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 2017

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			8,039,275
Other Investor-Owned Electric Utilities			35,708
Cooperative-Owned Electric Systems			575,322
Municipal-Owned Electric Systems			396,429
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			5,378,608
Total Energy Deliveries			14,425,341

Reporting Month: September 2017

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 2017

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			8,307,396
Other Investor-Owned Electric Utilities			39,202
Cooperative-Owned Electric Systems			585,109
Municipal-Owned Electric Systems			383,025
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			5,206,199
Total Energy Deliveries			14,520,930

Reporting Month: October 2017

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 2017

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			8,467,589
Other Investor-Owned Electric Utilities			46,191
Cooperative-Owned Electric Systems			635,490
Municipal-Owned Electric Systems			365,560
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			5,469,410
Total Energy Deliveries			14,984,241

Reporting Month: November 2017

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 2017

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			9,570,641
Other Investor-Owned Electric Utilities			58,382
Cooperative-Owned Electric Systems			737,394
Municipal-Owned Electric Systems			406,586
Federal and State Electric Agencies			0
Other End User Service			0
For Non Distribution Service (Transmission to Transmission Service)			8,339,845
Total Energy Deliveries			19,112,847

Reporting Month: December 2017

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 2017

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			1,071,499

Reporting Month: February 2017

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			1,057,203

Reporting Month: March 2017

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			221,337

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 2017

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			861,841

Reporting Month: May 2017

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			543,885

Reporting Month: June 2017

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			946,863

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 2017

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			922,122

Reporting Month: August 2017

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			835,117

Reporting Month: September 2017

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			898,007

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 2017

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			591,967

Reporting Month: November 2017

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			752,652

Reporting Month: December 2017

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total ¹
Sources minus Delivery ^a			1,173,394

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)
1/9/2017	8:00	8515	Y	Y	Y
2/9/2017	19:00	8217	Y	Y	N
3/15/2017	7:00	8360	Y	Y	Y
4/7/2017	8:00	7054	Y	Y	N
5/18/2017	17:00	8262	Y	Y	Y
6/12/2017	19:00	9255	Y	Y	Y
7/18/2017	18:00	9776	Y	Y	Y
8/16/2017	16:00	9536	Y	Y	Y
9/26/2017	16:00	9523	Y	Y	Y
10/4/2017	19:00	7391	Y	Y	N
11/20/2017	8:00	7359	Y	Y	N
12/27/2017	19:00	8576	Y	Y	Y

1. All dates and times are in EST, total transmission load for AEP Ohio plus Wheeling Power

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)
1/9/2017	8:00	21625	Y	Y	Y
2/10/2017	8:00	19708	Y	Y	Y
3/15/2017	7:00	20764	Y	Y	Y
4/7/2017	8:00	16491	Y	Y	N
5/18/2017	16:00	18569	Y	Y	Y
6/12/2017	17:00	20504	Y	Y	Y
7/19/2017	16:00	21681	Y	Y	Y
8/21/2017	13:00	21051	Y	Y	Y
9/26/2017	16:00	20665	Y	Y	Y
10/9/2017	16:00	17009	Y	Y	Y
11/20/2017	8:00	17764	Y	Y	Y
12/28/2017	9:00	20864	Y	Y	Y

1. All dates and times are in EST, transmission system load for AEP East Zone.

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

Transmission Name & Line No. 1	Point of (Origin - Terminus)	Summer Capability		Winter Capability		Indicate Design Voltage and Operating Voltage For Each Line			Right-of-Way		Type of Supporting Structure	Number of Circuits		Substation Name
		Normal Rating	Emergency Rating	Normal Rating	Emergency Rating	Operating Voltage (KV)	Design Voltage (KV)	Length (Miles)	Width (feet)		Steel Towers, Wood Poles or Underground, etc. and Number of Miles of the Line of Each Structure	Design	Installed	
8072	Adkins - Beatty Road	1233	1414	1587	1787	345	345	12.95	150/150		Steel - Lattice	1	1	
11541	Beane - Parkersburg (APS)	196	222	223	245	138	138	1.48	100/100		Steel - Lattice	1	1	BELPRE
600	Bluebell (FE) - Canton Central	257	338	315	373	138	138	0.35	100/100		Steel - H-frame	1	1	
608	Brookside (FE) - Howard	167	245	210	271	138	138	8	100/100		Steel - Lattice	1	1	
601	*Canton Central - Cloverdale (FE)	161	194	182	210	138	138	0.38	100/100		Wood - 3 pole	1	1	
6402	*Canton Central - Hanna (FE)	1409	1409	1685	1780	345	345	6.23	150/150		Steel - Lattice	1	1	
602	*Cloverdale (FE) - East Wooster	161	194	182	210	138	138	0.62	100/100		Wood - 1 pole	1	1	
2185	*Cloverdale (FE) - Torrey	200	242	228	286	138	138	0.37	100/100		Steel - Lattice	1	1	
1545	*Conant - Washington (APS)	232	335	335	367	138	138	0.13	100/100		Wood - H-frame	1	1	
654	*Covington (FE) - Delaware	188	270	263	320	138	138	14.13	100/100		Steel - Lattice	1	1	
664	*Delaware - Tappan (OE)	225	273	263	320	138	138	0.02	100/100		Steel - Lattice	1	1	
8931	*DEVA (IPP) - Hanging Rock	1587	1587	1587	1587	765	765	0.01	200/200		Steel - Lattice	1	1	
9237	*Don Marquis - Kellen (DP&L)	1233	1374	1255	1374	345	345	32.06	150/150		Steel - Lattice	1	1	
3862	*East Liverpool - Wylie Ridge (FE)	187	205	247	258	138	138	7.71	100/100		Steel - Lattice	1	1	
555	*Festonia Central - Lemoyne (FE)	1409	1409	1692	1781	345	345	19.33	150/150		Wood - 1 pole	1	1	
11579	*Fremont Center - West Fremont (FE)	251	251	287	287	138	138	7.02	100/100		Wood - 1 pole	1	1	
20877	*Harmont (FE) - South Canton	1409	1878	1746	2144	345	345	0.69	150/150		Steel - Lattice	1	1	
607	*Hillsboro - Hutchings (DP&L)	185	185	234	234	138	138	74.74	100/100		Wood - H-frame	1	1	
11737	*Hillsboro - Warren (Duke)	185	185	220	220	138	138	14.6	100/100		Interconnect	1	1	
609	*Howard - Shelby #1	72	79	72	79	138	138	2.36	100/100		Wood - 1 pole with push	1	1	
11897	*Italian Village - Saint Clair	248	282	313	356	138	138	1.27	100/100		Wood - 1 pole	1	1	
11698	*Italian Village - Vine	261	388	279	404	138	138	1.26	100/100		UG Cable - Dual & Manhole	1	1	
18078	*Kenton (LGE-KU) - Wilcox	151	185	191	191	138	138	24.83	100/100		Steel - H-frame	1	1	EMERALD SWITCH
618	*Lentwyn (FE) - West End Fashoria - Woodville	185	185	215	215	138	138	18.73	100/100		Wood - H-frame	1	1	
610	*Lockwood Road - Richard (FE)	216	223	253	281	138	138	0.09	100/100		Wood - 3 pole	1	1	
559	*Shelby (DP&L) - Southwest Lima	1255	1374	1255	1374	345	345	18.87	150/150		Steel - Lattice	1	1	
564	*South Canton - Sammis (FE)	1409	1409	1635	1781	345	345	0.74	150/150		Steel - Lattice	1	1	
614	*South Toronto - Werton (FE) - Wylie Ridge (FE)	136	173	179	206	138	138	0.5	100/100		Steel - Lattice	1	1	WEIRTON (APS)
618	*Tidd - Werton (FE) #2	187	240	247	285	138	138	6.52	100/100		Wood - H-frame	1	1	MAHANS LANE (FE)
617	*West Belaire - Windsor (FE)	205	284	258	320	138	138	7.22	100/100		Wood - H-frame	1	1	
2089	*Academia - North Lexington	184	205	228	258	138	138	23.98	100/100		Wood - 1 pole	1	1	WATPLE VALLEY SW
684	*Academia - West Mount Vernon	184	183	200	218	138	138	9.09	100/100		Steel - Lattice	1	1	WATPLE VALLEY SW
22117	*Adkins - Spanton	150	150	189	189	138	138	8.15	100/100		Wood - H-frame	1	1	MILLWOOD, WEST TRINWAY
22118	*Adkins - Wain Road	150	150	189	189	138	138	20.24	100/100		Wood - 1 pole	1	1	
597	*Adison - Lick - Sporn	150	150	189	189	138	138	53.15	100/100		Wood - 3 pole	1	1	
20482	*Allen - RP More	897	897	1138	1138	345	345	3.34	150/150		Wood - 1 pole	1	1	
20897	*Amth - Cole	683	752	712	812	138	138	2.85	150/150		Steel - Lattice	1	1	
20237	*Amth - Hyatt	564	755	712	858	138	138	10.02	150/150		Steel - Lattice	1	1	SCOTTOWN SWITCH
184	*Apple Grove - South Point	109	138	144	164	138	138	29.4	100/100		Wood - 1 pole	1	1	
48	*Apple Grove - Sporn	151	151	191	191	138	138	41.99	100/100		Wood - 1 pole	1	1	
612	*Applum - Millbrook Park	205	255	258	286	138	138	8.35	100/100		Wood - 1 pole	1	1	
681	*Astor - East Broad Street	216	216	272	272	138	138	2.74	100/100		Wood - 1 pole	1	1	
1358	*Baker - Baker Road	184	205	228	258	138	138	23.98	100/100		Wood - 1 pole	1	1	
15	*Baker - Baker Road	4047	4571	4484	4765	765	765	39.53	200/200		Steel - Lattice	1	1	REFUGEE SWITCH
20781	*Beatty - Cole	1096	1203	1423	1511	345	345	9.64	150/150		Steel - Lattice	1	1	
569	*Beatty Road - Bohn	1096	1203	1423	1511	345	345	13.2	150/150		Steel - Lattice	1	1	
11337	*Beatty Road - Boone	223	223	281	281	138	138	2.74	100/100		Steel - Lattice	1	1	
553	*Beatty Road - Greene	1239	1374	1255	1374	345	345	19.05	150/150		Steel - Lattice	1	1	
1883	*Beatty Road - Harrison (CSP)	136	173	179	206	138	138	8.31	100/100		Wood - 1 pole	1	1	ZUBER
663	*Beatty Road - McCorn	216	251	272	298	138	138	5.76	100/100		Wood - 1 pole	1	1	
12537	*Beatty Road - White Road	191	216	241	272	138	138	4.54	100/100		Wood - 1 pole	1	1	
1895	*Beatty Road - Wilson	138	223	281	281	138	138	8.58	100/100		Steel - Lattice	1	1	
133	*Bellefonte - East Wheelersburg	138	167	179	206	138	138	27.88	100/100		Steel - Lattice	1	1	HANGING ROCK, IRONWOOD SWITCH
134	*Bellefonte - North Macedonia	138	173	179	206	138	138	20.78	100/100		Wood - H-frame	1	1	
1317	*Bellefonte - North Macedonia	138	173	179	206	138	138	20.78	100/100		Wood - 3 pole	1	1	CONGRESS SWITCH
20717	*Bellefonte - Rockville	338	340	424	427	138	138	4	100/100		Steel - 1 pole	1	1	SUNBURT TAP
13417	*Bellefonte - Rockville	338	340	424	427	138	138	4	100/100		Steel - 1 pole	1	1	
15399	*Bethel - Brookside	156	156	156	156	138	138	5.16	100/100		Steel - 1 pole	1	1	CURVE ROAD SWITCH
13377	*Bethel Road - Davidson	233	233	281	289	138	138	2.76	100/100		Steel - Lattice	1	1	
623	*Bethel Road - Linworth	150	156	156	156	138	138	5.42	100/100		Wood - 1 pole	1	1	
620	*Bethel Road - Roberts No. 1	378	380	380	380	138	138	5.42	100/100		Wood - 1 pole	1	1	
22497	*Bevany - Holloway	971	971	1234	1234	345	345	58.07	150/150		Steel - Lattice	1	1	
7791	*Bevany - Muskingum	971	971	1234	1234	345	345	1.9	150/150		Wood - 1 pole	1	1	
624	*Bevany - Saint Clair	216	251	272	298	138	138	4.07	100/100		Wood - 1 pole	1	1	
2227	*Bevany - Yearling	282	282	355	355	138	138	1.45	100/100		Steel - 1 pole	1	1	
23817	*Bloss Run - Bony	1409	1555	1467	1467	345	345	30.79	150/150		Wood - H-frame	1	1	
23818	*Bloss Run - Don Marquis	1409	1409	1781	1781	345	345	30.79	150/150		Wood - H-frame	1	1	

PUCO FORM FE-T7
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CHARACTERISTICS OF EXISTING TRANSMISSION LINES

Transmission Name & Line No. 1	Point of (Origin - Terminus)	Summer Capability		Winter Capability		Indicate Design Voltage and Operating Voltage For Each Line		Right-of-Way		Type of Supporting Structure	Number of Circuits		Substations on the Line
		Normal Rating	Emergency Rating	Normal Rating	Emergency Rating	Operating Voltage (KV)	Design Voltage (KV)	Length (Miles)	Width (feet)		Design	Installed	
642	Baboy - Buckeye Steel	216	251	272	298	138	138	6.51	100/100	Steel - 1 pole	1	1	
658	Baboy - Groves Road No. 1	145	145	183	183	138	138	0.23	100/100	Wood - 1 pole	1	1	THREE CREEKS SWITCH
8312	Baboy - Kirk	620	783	782	828	345	345	19.35	150/150	Wood - H-frame	1	1	
625	Baboy - LSI	439	439	472	472	138	138	4.53	100/100	Steel - Lattice	1	1	
20738	Baboy - Ohio Central	1409	1887	1781	2144	345	345	55.18	150/150	Wood - 1 pole	1	1	
13557	Baboy - Shannon	329	361	424	446	138	138	4.39	100/100	Wood - 1 pole	1	1	OUTERBELT SWITCH
13977	Blackick - East Broad	90	120	120	138	138	138	1.84	100/100	Wood - 1 pole	1	1	
13998	Blackick - Cattania	150	210	189	243	138	138	3.3	100/100	Wood - 1 pole	1	1	
6718	Blanton - Corridor	271	271	382	382	138	138	6.35	100/100	Wood - 1 pole	1	1	
20579	Blue River - SEP Co-op	512	512	575	575	138	138	0.16	100/100	Wood - 1 pole	1	1	
20577	Blue River - Summerfield	101	101	127	127	138	138	3.39	100/100	Wood - 1 pole	1	1	
20578	Blue River - Texas Eastern	101	101	127	127	138	138	0.01	100/100	Steel - 1 pole	1	1	
20578	Bolton - Hall	223	223	261	261	138	138	3.15	100/100	Steel - Lattice	1	1	
24888	Britton - Davidson #1	283	381	287	382	138	138	0.54	100/100	UG Cable - Duct & Manhole	1	1	
24887	Britton - Dublin	269	356	269	360	138	138	2.6	100/100	UG Cable - Duct & Manhole	1	1	
16397	Brookside - Sawmill	156	156	156	156	138	138	1.38	100/100	Steel - Lattice	1	1	
772	Brues - West Blaire #1	205	284	258	320	138	138	2.68	100/100	Steel - Lattice	1	1	
21157	Brues - West Blaire #2	205	284	258	320	138	138	4.46	100/100	Steel - Lattice	1	1	
666	Buckeye Steel - Gay Street	170	216	179	250	138	138	3.9	100/100	UG Cable - Duct & Manhole	1	1	
687	Buckeye Road - Folsom Central	150	150	189	189	138	138	13.21	100/100	Wood - 3 pole	1	1	
688	Bucyrus Center - Howard	164	180	213	227	138	138	16.67	100/100	Steel - Lattice	1	1	SULPHUR SPRINGS
630	Canal Street - Marion Road	124	173	136	184	138	138	3.8	100/100	UG Cable - Duct & Manhole	1	1	
650	Canal Street - Maand Street	122	170	134	181	138	138	3.38	100/100	UG Cable - Duct & Manhole	1	1	
17598	Canal Street - White Road	216	216	272	272	138	138	6.91	100/100	Steel - 1 pole	1	1	
880	Canton Central - South Canton	1409	1409	1781	1781	345	345	8.15	150/150	Steel - Lattice	1	1	
688	Canton Central - Southeast Canton 138 KV	296	385	375	452	138	138	3.41	100/100	Steel - Lattice	1	1	
14378	Canton Central - Southwest Canton 243 KV	1409	1409	1781	1781	345	345	2.21	150/150	Steel - Lattice	1	1	
14397	Canton Central - Wagonwheel #1	296	385	375	452	138	138	2.02	100/100	Steel - Lattice	1	1	
682	Canton Central - Wagonwheel #2	296	385	375	452	138	138	2.04	100/100	Steel - Lattice	1	1	
2181	Carrollton - Gable SW	205	221	258	309	138	138	29.2	100/100	Steel - Lattice	1	1	
19757	Carrollton - Sunnyside	205	266	258	320	138	138	19.64	100/100	Steel - 2 pole	1	1	
13837	Centerville - Conesville	338	338	427	427	138	138	45.01	100/100	Steel - Lattice	1	1	
693	Centerville - Trent	295	338	377	427	138	138	6.2	100/100	Steel - Lattice	1	1	
693	Central Portsmouth - North Portsmouth	219	251	277	303	138	138	6.05	100/100	Wood - 3 pole	1	1	
13898	Century Aluminum - Sporn South No. 2	257	257	325	325	138	138	6.4	100/100	Steel - Lattice	1	1	YELLOWBUSH
619	City of Columbus - Vine No. 1	251	287	316	316	138	138	1	100/100	Wood - 1 pole	1	1	
881	City of Columbus - Vine No. 2	251	283	287	316	138	138	1.14	100/100	Steel - 1 pole	1	1	
857	Cinton - Hurley - Moore Road	195	220	216	228	138	138	11.77	100/100	Wood - 3 pole	1	1	GE TAP SWITCH
2762	Cinton - Kell Road	190	190	289	189	138	138	3.91	100/100	Steel - Lattice	1	1	
2761	Cinton - Kenmy	217	320	227	331	138	138	3.1	100/100	UG Cable - Duct & Manhole	1	1	
696	Cinton - OSU	129	177	134	182	138	138	4.52	100/100	UG Cable - Duct & Manhole	1	1	
631	Cinton - Saint Clair	142	185	139	180	138	138	4.04	100/100	UG Cable - Duct & Manhole	1	1	
26337	Cloose - West Lancaster	167	167	210	210	138	138	23	100/100	Steel - Lattice	1	1	JUNCTION CITY SWITCH
26338	Cloose - Zanesville	136	150	179	189	138	138	7.9	100/100	Wood - 1 pole	1	1	
26762	Cole - Hayden	1409	1868	1781	2144	345	345	7.75	150/150	Steel - 1 pole	1	1	
572	Conesville - Corridor	1217	1374	1348	1452	345	345	53.05	150/150	Wood - 3 pole	1	1	
576	Conesville - Hyatt	1217	1374	1348	1452	345	345	53.26	150/150	Steel - 1 pole	1	1	
2022	Conesville - Hyatt - Center	1217	1374	1348	1452	345	345	53.26	150/150	Wood - 1 pole	1	1	
2023	Conesville - Ohio Central	1409	1887	1781	2144	345	345	10.59	150/150	Steel - 2 pole	1	1	
20237	Conesville - Ohio Central	1409	1887	1781	2144	345	345	10.59	150/150	Steel - 2 pole	1	1	
11542	Corner - Roseview	240	282	313	356	138	138	7.1	100/100	Wood - 1 pole	1	1	PORTERFIELD
11538	Corner - Shell	109	138	144	164	138	138	2.15	100/100	Wood - 3 pole	1	1	LAYMAN
21398	Corner - Wolf Creek	205	276	250	320	138	138	15.8	100/100	Wood - H-frame	1	1	
677	Corridor - Gahanna 138KV	338	456	427	517	138	138	5.54	150/150	Steel - Lattice	1	1	
676	Corridor - Genaol	338	407	427	484	138	138	5.12	150/150	Steel - 1 pole	1	1	
15237	Corridor - Jug Street	1370	1472	1779	1826	345	345	6.38	150/150	Wood - 3 pole	1	1	
647	Corridor - Morse Road	338	338	427	477	138	138	7.43	100/100	Wood - 1 pole	1	1	
18837	Corridor - Vassal No. 1	1409	1472	1781	1826	345	345	5.54	150/150	Steel - Lattice	1	1	
18837	Corridor - Vassal No. 2	1409	1887	1781	2144	345	345	8.07	150/150	Steel - Lattice	1	1	
18837	Corridor - Vassal No. 2	1409	1887	1781	2144	345	345	8.07	150/150	Steel - Lattice	1	1	
46117	Crown Hill - North Newak	128	128	161	161	138	138	31.56	100/100	Wood - 1 pole	1	1	
694	Crossville - North Newak	128	128	161	161	138	138	31.56	100/100	Wood - H-frame	1	1	

PUCO FORM FE-T7
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CHARACTERISTICS OF EXISTING TRANSMISSION LINES

Transmission Name & Line No. 1	Point of (Origin - Terminus)	Summer Capability		Winter Capability		Indicate Design Voltage and Operating Voltage For Each Line		Right-of-Way		Type of Supporting Structure	Number of Circuits		Substations on the Line
		Normal Rating	Emergency Rating	Normal Rating	Emergency Rating	Operating Voltage (KV)	Design Voltage (KV)	Length (Miles)	Width (feet)		Design	Installed	
List Each Transmission Line of 125 KV or More	Indicate Location of Line's Beginning and Terminus									Steel Towers, Wood Poles or Underground, etc. and Number of Miles of the Line of Each Structure			Substation Name
20657	Crooksville - Phto	223	310	281	349	138	138	13.2	100/100	Wood - 1 pole	1	1	CANNELVILLE SWITCH
594	Crooksville - Posion - Shrouds Run	109	138	144	164	138	138	35.54	100/100	Steel - Lattice	1	1	SPENCER RIDGE SWITCH
696	Crooksville - South Lancaster	167	167	210	210	138	138	26.78	100/100	Steel - Lattice	1	1	
14	Culloden - Gavin	4047	4571	4684	4681	765	765	42.04	200/200	Steel - Lattice	1	1	
185	Darrah - North Proctorville	292	296	315	315	138	138	5.55	100/100	Steel - Lattice	1	1	EAST PROCTORVILLE
13378	Davidson - Roberts	378	378	406	406	138	138	3.33	100/100	Wood - 1 pole	1	1	
20757	Delano - Kenworth	200	254	253	293	138	138	0.31	100/100	Wood - 1 pole	1	1	CLAYBURNE SWITCH, ROSS
689	Delano - Tipton (CSP)	223	302	281	349	138	138	4.31	100/100	Wood - H-Frame	1	1	
19388	Diamond - Vandal	338	450	427	517	138	138	13.27	100/100	Steel - Lattice	1	1	
19389	Diamond - Vandal	338	450	427	517	138	138	2.05	100/100	Steel - Lattice	1	1	
15659	Dixter Sw - Mingo No. 2 (Seco)	98	98	123	123	138	138	11.02	100/100	Wood - 1 pole	1	1	MEIGS SWITCH, MEIGS NO. 1
6281	Dixter Sw - Rutland	183	205	218	138	138	138	34.95	200/200	Wood - 1 pole	1	1	EAST BEAVER
543	Don Marquis - Hanging Rock	4047	4571	4484	4681	765	765	34.06	200/200	Wood - 1 pole	1	1	WAKEFIELD
15138	Don Marquis - Lick	223	310	281	349	138	138	12.83	100/100	Steel - 1 pole	1	1	MILLS PRIDE
21539	Don Marquis - South Lucasville	219	223	277	281	138	138	15.64	100/100	Steel - 1 pole	1	1	
133679	Don Marquis - Waverly No. 1	223	310	281	349	138	138	15.64	100/100	Steel - 1 pole	1	1	
15137	Don Marquis - Waverly No. 2	223	310	281	349	138	138	15.64	100/100	Steel - 1 pole	1	1	
9217	Dresden - Ohio Central	680	795	750	904	138	138	0.62	100/100	Wood - H-Frame	1	1	
171717	Dublin - Sawmill	223	229	281	284	138	138	6.33	100/100	Wood - 1 pole	1	1	
648	East Broad Street - Kirk #1	240	309	317	367	138	138	10.53	100/100	Wood - 1 pole	1	1	TAYLOR
649	East Broad Street - Kirk #2	240	309	317	367	138	138	10.41	100/100	Steel - Lattice	1	1	
4226	East Broad Street - Reading	232	272	256	274	138	138	14.82	100/100	Wood - 1 pole	1	1	
2081	East Lima - Ford Motor (Line Sw)	167	245	210	271	138	138	3.35	100/100	Steel - Lattice	1	1	FORD MOTOR - LIMA
981	East Lima - Fostoria Central	1025	1318	1298	1522	345	345	39.84	150/150	Wood - 1 pole	1	1	
2062	East Lima - Haviland	167	220	210	239	138	138	35.09	100/100	Wood - 1 pole	1	1	
10757	East Lima - Maddox Creek	897	1201	1138	1452	345	345	30.34	150/150	Steel - Lattice	1	1	
583	East Lima - Maysville	897	1186	1138	1355	345	345	47.13	150/150	Wood - 1 pole	1	1	
697	East Lima - New Liberty	150	218	189	243	138	138	25.85	100/100	Steel - Lattice	1	1	NORTH WOODCOCK
688	East Lima - North Findlay	167	245	210	271	138	138	29.22	100/100	Steel - Lattice	1	1	
689	East Lima - Rockhill	150	211	189	236	138	138	4.42	100/100	Steel - Lattice	1	1	
700	East Lima - South Kenton	101	101	127	127	138	138	30.91	100/100	Wood - H-Frame	1	1	WEST NEWTON SWITCH
582	East Lima - Southwest Lima	971	971	1234	1234	345	345	21.97	150/150	Wood - 1 pole	1	1	
2043	East Lima - Stirling	185	185	244	244	138	138	14.75	100/100	Wood - 1 pole	1	1	HANTHORN ROAD SWITCH, THAYER ROAD
1703	East Lima - Young Creek	145	145	183	183	138	138	25.39	100/100	Wood - 1 pole	1	1	CAMPBELL ROAD, RILEY CREEK SWITCH, PAULDING
171717	East Lima - Young Creek	145	145	183	183	138	138	25.39	100/100	Wood - 1 pole	1	1	
2344	East Wheelersburg - Millbrook	138	167	178	206	138	138	8.72	100/100	Wood - 1 pole	1	1	MILLBROOK PARK, DOGWOOD RIDGE
702	East Wheelersburg Sw - Texas Eastern	101	101	119	119	138	138	1.98	100/100	Wood - 1 pole	1	1	
704	East Wooster - South Canton	205	205	238	238	138	138	31.01	100/100	Wood - 3 pole	1	1	CANAL ROAD, APPLE CREEK
2253	East Wooster - Wooster	187	205	247	258	138	138	8.56	100/100	Wood - H-Frame	1	1	
20869	Ebersole - Findlay Center	150	218	189	238	138	138	6.8	100/100	Steel - Lattice	1	1	THORNWOOD SWITCH
20860	Ebersole - Fostoria Central #1	167	245	210	271	138	138	8.45	100/100	Steel - Lattice	1	1	
20858	Ebersole - Fostoria Central #2	167	245	210	271	138	138	6.97	100/100	Steel - Lattice	1	1	
20857	Ebersole - New Liberty	150	218	189	243	138	138	6.59	100/100	Steel - Lattice	1	1	FLAG CITY
20917	Ebersole - North Findlay	167	245	210	271	138	138	4.97	100/100	Steel - 1 pole	1	1	
22418	Eck - Posion	207	223	261	281	138	138	11.09	100/100	Wood - H-Frame	1	1	MINERAL SWITCHING
2213	Edgemeads - Review	207	223	261	281	138	138	29.48	100/100	Steel - Lattice	1	1	RYAN NEW CSP
22120	Edgemeads - Review	207	223	261	281	138	138	29.48	100/100	Steel - Lattice	1	1	RYAN NEW CSP
22220	Edgemeads - Review	207	223	261	281	138	138	29.48	100/100	Steel - Lattice	1	1	RYAN NEW CSP
11338	Fisher - Roberts	223	223	261	281	138	138	4.54	100/100	Steel - Lattice	1	1	MILLBROOK PARK
5282	Fisher - Roberts	223	223	261	281	138	138	6.32	100/100	Steel - 1 pole	1	1	TRABUE
8314	Fullick - Gavin	4047	4571	4484	4681	765	765	15.17	200/200	Wood - 1 pole	1	1	FORD MOTOR - LIMA
2841	Ford - Rockhill	167	240	210	271	138	138	1.56	100/100	Wood - 1 pole	1	1	
22938	Fostoria Central - Memos	167	167	210	210	138	138	19.42	100/100	Wood - 1 pole	1	1	
708	Fostoria Central - West End Fostoria	287	296	363	375	138	138	1.54	100/100	Wood - 1 pole	1	1	
25558	Gaile SW - South Cadiz	185	185	234	234	138	138	12.8	100/100	Wood - 2 pole	1	1	GABLE SWITCH
7731	Gahanna - Hsp Crenan	150	218	189	243	138	138	4.39	100/100	Wood - 1 pole	1	1	
19557	Gahanna - West Millsport	359	520	455	581	138	138	21.57	150/150	Wood - 1 pole	1	1	
19576	Gallin - Ohio Central	971	1234	1234	1234	345	345	39.15	150/150	Steel - Lattice	1	1	POSTORA CENTRAL
517	Gallin - Ohio Central	971	1234	1234	1234	345	345	39.15	150/150	Steel - Lattice	1	1	
15659	Gavin - Mingo No. 2 (Seco)	98	98	123	123	138	138	34.07	200/200	Steel - Lattice	1	1	THAYER SWITCH, GAVIN 138KV
20537	Gavin - North Crown City	98	98	123	123	138	138	16.07	100/100	Steel - Lattice	1	1	GAVIN 138KV
187	Gavin - Spion No. 2	185	185	224	234	138	138	17.34	200/200	Steel - Lattice	1	1	GAVIN 138KV
672	Gay Street - McComb	223	229	272	284	138	138	1.75	100/100	Wood - 1 pole	1	1	SULLIVANT TERMINAL
643	Gay Street - Vine	174	240	184	254	138	138	1.5	100/100	UG Cable - Dir & Manhole	1	1	
639	Genoa - Karl Road - Morse Road	196	223	248	281	138	138	11.29	100/100	Steel - Lattice	1	1	SPRING ROAD SWITCH
6228	Genoa - Malserevski	238	407	427	484	138	138	5.99	150/150	Steel - Lattice	1	1	WE STAR
12218	Genoa - Westar	223	231	289	289	138	138	2.07	100/100	Wood - 1 pole	1	1	HANNA HILL DUCK CREEK, RENO
11539	Genotat - Mill Creek	240	262	313	356	138	138	8.24	100/100	Wood - 3 pole	1	1	
11544	Genotat - Review	246	262	313	356	138	138	1.49	100/100	Steel - 1 pole	1	1	INTERVIEW (CSP)

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

Transmission Name & Line No. *	Point of (Origin - Terminus)	Summer Capability		Winter Capability		Indicate Design Voltage and Operating Voltage For Each Line		Right-of-Way		Type of Supporting Structure	Number of Circuits		Substations on the Line					
		Normal Rating	Emergency Rating	Normal Rating	Emergency Rating	Operating Voltage (kV)	Design Voltage (kV)	Length (Miles)	Width (feet)		Design	Installed						
List Each Transmission Line of 125 kV or More	Indicate Location of Line's Beginning and Terminus	22442	Greenlawn - Melmore	257	360	325	404	138	138	1.07	100/100	Wood - 1 pole	1	1	GREENLAWN CENTER			
		710	Greenlawn - Tiffin Center	257	360	325	404	138	138	1.07	100/100	Wood - 1 pole / Duct & Manhole	1	1		1		
		13018	Geil - Huntley	196	233	248	286	138	138	9.6	100/100	Wood - 1 pole / Duct & Manhole	1	1		1		
		13017	Geil - Hyatt	223	233	281	289	138	138	2.85	100/100	Wood - 1 pole / Duct & Manhole	1	1		1		
		546	Harping Rock - Jefferson	4047	4571	4484	4951	765	765	6.09	200/200	Steel - Lattice	1	1		1		
		7732	Harp Creminae - Morse Road	150	180	189	227	138	138	0.65	100/100	Wood - 1 pole	1	1		1		
		7631	Harpas (C&A) - Scripps	223	223	281	281	138	138	1.47	100/100	Wood - 1 pole	1	1		1		
		632	Harpas (C&P) - Marion Road	138	173	179	206	138	138	10.21	100/100	Wood - H-frame	1	1		1		
		634	Harpas (C&P) - Posion	136	173	179	206	138	138	54.36	100/100	Wood - H-frame	1	1		1		
		16577	Harpas - Timber Switch	167	240	210	267	138	138	9.56	100/100	Steel - 1 pole	1	1		1		
573	Hayden Sw. - Hyatt (C&P)	1239	1472	1564	1809	345	345	12.58	150/150	Steel - 1 pole	1	1	1	GOOD HOPE SWITCH				
14839	Hayden Sw. - Roberts No. 1	1025	1245	1298	1432	345	345	5.56	150/150	Steel - 1 pole	1	1	1	1				
574	Hayden Sw. - Roberts No. 2	1025	1318	1298	1522	345	345	5.54	150/150	Wood - 1 pole	1	1	1	1				
640	Hess Street - OSU	233	336	240	353	138	138	2.89	100/100	UG Cable - Duct & Manhole	1	1	1	1				
679	Hess Street - Vine	183	251	204	269	138	138	2.42	100/100	UG Cable - Duct & Manhole	1	1	1	1				
641	Hess Street - Wilson Road	219	255	248	303	138	138	6.86	100/100	Wood - 1 pole / Duct & Manhole	1	1	1	1	FIFTH AVENUE			
21678	Highland (C&P) - Spanan	195	220	216	239	138	138	14.39	100/100	Steel - 2 pole	1	1	1	1	NEW MARKET SWITCH			
2892	Hillboro - Millbrook Park	179	179	179	179	138	138	95.06	100/100	Steel - Lattice	1	1	1	1	1			
18077	Hillboro - Wilcox	185	185	234	234	138	138	9.88	100/100	Steel - 1 pole	1	1	1	1	1			
10098	Hocking - Posion	164	180	213	227	138	138	15.65	100/100	Steel - 1 pole	1	1	1	1	1	KIMBERLY		
22939	Howard - Melmore #1	136	167	179	206	138	138	26.97	100/100	Wood - 1 pole	1	1	1	1	1	CHATFIELD		
22941	Howard - Melmore #2	136	167	179	206	138	138	26.97	100/100	Wood - 1 pole	1	1	1	1	1	CHATFIELD		
12239	Howard - North Bellevue	133	133	143	143	138	138	18.01	100/100	Wood - 1 pole	1	1	1	1	1	1		
25597	Howard - North Lexington	200	200	253	253	138	138	12.5	100/100	Steel - Lattice	1	1	1	1	1	1		
665	Huntley - Linworth	223	223	281	281	138	138	3.72	100/100	Steel - 1 pole	1	1	1	1	1	1		
19559	Hyatt - Vassel	1409	1472	1781	1826	345	345	15.88	150/150	Steel - Lattice	1	1	1	1	1	1		
6226	Hyatt (C&P) - Maleszewski No. 1	223	233	231	269	138	138	6.83	100/100	Wood - 1 pole	1	1	1	1	1	1		
645	Hyatt (C&P) - Sycamore #1	388	520	492	597	138	138	5.32	100/100	Steel - 1 pole	1	1	1	1	1	1		
20568	Hyatt (C&P) - Sycamore #2	388	520	492	597	138	138	5.32	100/100	Steel - Lattice	1	1	1	1	1	1		
584	Hyatt (OP) - Marysville	1166	1376	1481	1639	345	345	23.24	150/150	Steel - Lattice	1	1	1	1	1	1		
565	Hyatt (OP) - Tunny	971	1419	1234	1595	345	345	0.88	150/150	Steel - Lattice	1	1	1	1	1	1		
550	Hyatt (OP) - West Malesport	971	1376	1234	1595	345	345	37.87	150/150	Steel - Lattice	1	1	1	1	1	1		
20957	June Road - Wagonsport	296	296	375	375	138	138	11.5	100/100	Steel - Lattice	1	1	1	1	1	1		
585	Kammer - Muleshoe River	915	971	1158	1234	345	345	52.17	150/150	Steel - Lattice	1	1	1	1	1	1		
722	Kammer - Ormet #1	296	388	375	452	138	138	11.54	100/100	Steel - Lattice	1	1	1	1	1	1		
2101	Kammer - Ormet #2	296	388	375	452	138	138	11.54	100/100	Steel - Lattice	1	1	1	1	1	1		
723	Kammer - Ormet #3	296	388	375	452	138	138	11.53	100/100	Steel - Lattice	1	1	1	1	1	1		
724	Kammer - Ormet #4	296	388	375	452	138	138	11.52	100/100	Steel - Lattice	1	1	1	1	1	1		
15899	Kammer - South Canton	4017	4571	4484	4951	765	765	11.47	200/200	Steel - H-frame	1	1	1	1	1	1		
22338	Kammer - West Bellevue	1740	2034	2022	2235	345	345	13.21	150/150	Steel - Lattice	1	1	1	1	1	1		
725	Kammer - West Bellevue	296	296	375	375	138	138	13.98	100/100	Aluminum - Guyed V	1	1	1	1	1	1		
621	Kenny - Roberts	213	282	221	328	138	138	3.4	100/100	One cable - V-tower	1	1	1	1	1	1		
2276	Kirk - Newark Center	292	330	324	358	138	138	26.27	100/100	Steel - Lattice	1	1	1	1	1	1		
18339	Kirk - West Helton	167	245	210	271	138	138	9.7	100/100	Wood - 1 pole	1	1	1	1	1	1		
8311	Kirk - West Malesport 345 kV	828	828	828	828	345	345	9.47	150/150	Steel - 1 pole	1	1	1	1	1	1		
771	Lockwood Road - Robeson Park	223	223	239	239	138	138	32.85	100/100	Wood - H-frame	1	1	1	1	1	1	SOUTH HICKSVILLE	
24385	Lugburn - North Delphos	167	167	210	210	138	138	25.8	100/100	Steel - Lattice	1	1	1	1	1	1	1	
629	LSI - Marion Road	439	439	472	472	138	138	4.82	100/100	Steel - Lattice	1	1	1	1	1	1	1	
763	LTV Steel - Wagonsport No. 1	296	296	375	375	138	138	0.64	100/100	Steel - Lattice	1	1	1	1	1	1	1	
764	LTV Steel - Wagonsport No. 2	296	296	375	375	138	138	0.68	100/100	Steel - Lattice	1	1	1	1	1	1	1	
16758	Medora Creek - RP Moore	897	1301	1138	1452	345	345	9.35	150/150	Wood - 1 pole	1	1	1	1	1	1	ROBERT P. MOORE	
6224	Maleszewski - Marysville	4047	4142	4484	4951	765	765	25.04	200/200	Steel - Lattice	1	1	1	1	1	1	1	
6225	Maleszewski - Poles	223	310	281	349	138	138	2.76	100/100	Wood - 1 pole	1	1	1	1	1	1	1	
13357	Maleszewski - Vassel	4142	4142	5133	5133	765	765	9.44	200/200	Steel - H-frame	1	1	1	1	1	1	1	
24461	Marysville - Sorenson	4047	4571	4484	4951	765	765	76.3	200/200	Wood - 1 pole	1	1	1	1	1	1	1	
585	Marysville - Southwest Lima	971	971	1234	1234	345	345	54.48	150/150	Steel - Lattice	1	1	1	1	1	1	1	
566	Marysville - Tunny	897	1301	1138	1462	345	345	22.44	150/150	Steel - Lattice	1	1	1	1	1	1	1	
22940	Meinroe - West End Fesora	167	167	210	210	138	138	18.3	100/100	Wood - 1 pole	1	1	1	1	1	1	1	SOUTH TIFFIN
655	Mifflin - Saint Clair	216	216	272	272	138	138	5.71	100/100	Wood - 1 pole	1	1	1	1	1	1	1	1
5941	Mifflin - Stierzer	216	216	272	272	138	138	1.4	100/100	Wood - 1 pole	1	1	1	1	1	1	1	1
727	Millbrook Park - North Portsmouth	185	185	234	234	138	138	3.44	100/100	Steel - Lattice	1	1	1	1	1	1	1	1
726	Millbrook Park - South Point	185	185	234	234	138	138	3.44	100/100	Wood - 1 pole	1	1	1	1	1	1	1	1
684	Norse Road - Stierzer	246	356	253	363	138	138	1.67	100/100	UG Cable - Duct & Manhole	1	1	1	1	1	1	1	1

CHARACTERISTICS OF EXISTING TRANSMISSION LINES

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AEP OHIO
CHARACTERISTICS OF EXISTING TRANSMISSION LINES

Transmission Name & Line No. *	Point of (Origin - Terminus)	Summer Capability		Winter Capability		Indicate Design Voltage and Operating Voltage For Each Line		Right-of-Way		Type of Supporting Structure	Number of Circuits		Substations on the Line
		Normal Rating	Emergency Rating	Normal Rating	Emergency Rating	Operating Voltage (KV)	Design Voltage (KV)	Length (Miles)	Width Max./Min. (feet)		Design	Installed	
List Each Transmission Line of 125 KV or more	Indicate Location of Line's Beginning and Terminus									Steel Towers, Wood Poles or Underground, etc. and Number of Miles of the Line of Each Structure			Substation Name
15840	West Habron - West Millersport	167	245	210	271	138	138	6.32	100/100	Steel - Lattice	1	1	
12477	West Millersport - Wooster	185	185	234	234	138	138	15.18	100/100	Wood - 1 pole	1	1	

a. 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 Distribution (D) Transmission (T)	Voltage(s) (kV)	Line Association (FE-T7 or FE-T9 Notation)	Notation	Line Existing or Proposed
ACADEMIA	T	138	Academia - North Lexington	25599	E
ACADEMIA	T	138	Academia - Ohio Central	684	E
ACADEMIA	T	138	Academia - West Mount Vernon	685	E
ADAMS (CSP)	T	138	Adams - Seaman	22117	E
ADAMS (CSP)	T	138	Adams - Ware Road	22118	E
ADDISON	T	138	Addison - Lick - Sporn	597	E
AMLIN	D	138	Amlin - Hyatt	20237	E
AMLIN	D	138	Amlin - Sumac #2	26297	E
AMLIN	D	138	Amlin - Sumac #1	26298	E
AMLIN	D	138	Amlin - Cole	26897	E
APPLE CREEK	D	138	East Wooster - South Canton	704	E
ASTOR	D	138	Astor - Groves - Shannon	15558	E
ASTOR	D	138	Astor - East Broad Street	661	E
BALL HOLLOW SWITCH	T	138	Natrium - South Caldwell	24358	E
BEATTY ROAD	T	138	Beatty Road - Bolton	11337	E
BEATTY ROAD	T	138	Beatty Road - White Road	12537	E
BEATTY ROAD	T	138	Beatty Road - Harrison (CSP)	1983	E
BEATTY ROAD	T	138	Beatty Road - Wilson	1985	E
BEATTY ROAD	T	138	Beatty Road - McComb	663	E
BEATTY ROAD	T	345	Beatty - Cole	26781	E
BEATTY ROAD	T	345	Beatty Road - Greene	553	E
BEATTY ROAD	T	345	Beatty Road - Bixby	569	E
BEATTY ROAD	T	345	Adkins - Beatty Road	8072	E
BELDEN VILLAGE	D	138	Wagenhals - Wayview	20117	E
BELPRE	D	138	*Belpre - Parkersburg (APS)	11541	E
BELPRE	D	138	Belpre - Corner	26137	E
BERKSHIRE	D	138	Berrywood - Berkshire	11418	E
BERKSHIRE	D	138	Berkshire - Trent	26717	E
BETHEL ROAD	T	138	Bethel - Brookside	13377	E
BETHEL ROAD	T	138	Bethel Road - Roberts No. 1	16399	E
BETHEL ROAD	T	138	Bethel Road - Linworth	623	E
BETHEL ROAD	T	138	Bethel Road - Davidson	13377	E
BEVERLY	T	345	Beverly - Holloway	22497	E
BEVERLY	T	345	Beverly - Muskingum	7791	E
BEXLEY	T	138	Bexley - Yearling	2227	E

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

Substation Name	Type Distribution (D) Transmission (T)	Voltage(s) (kV)	Line Association (FE-T7 or FE-T9 Notation)	Notation	Line Existing or Proposed
BEXLEY	T	138	Bexley - Groves	2804	E
BEXLEY	T	138	Bexley - Saint Clair	624	E
BIXBY	T	138	Bixby - Shannon	15557	E
BIXBY	T	138	Bixby - Groves Road No. 2	2331	E
BIXBY	T	138	Bixby - West Lancaster	593	E
BIXBY	T	138	Bixby - LSI	625	E
BIXBY	T	138	Bixby - Buckeye Steel	642	E
BIXBY	T	138	Bixby - Groves Road No. 1	658	E
BIXBY	T	345	Bixby - Ohio Central	20738	E
BIXBY	T	345	Biers Run - Bixby	21617	E
BIXBY	T	345	Beatty Road - Bixby	569	E
BIXBY	T	345	Bixby - Kirk	8312	E
BLACKLICK	D	138	Blacklick - East Broad	13397	E
BLACKLICK	D	138	Blacklick - Gahanna	13398	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
BOLTON	D	138	Bolton - Hall	26757	E
BOLTON	D	138	Beatty Road - Bolton	11337	E
BRIDGEVILLE	D	138	Philo Sw. - South Canton	742	E
BRITTON	D	138	Britton-Dublin	24897	E
BRITTON	D	138	Britton-Davidson #1	24898	E
BRITTON	D	138	Britton-Davidson #2	24899	E
BROADACRE	D	138	Tidd - June Road	26958	E
BROOKSIDE (CS)	D	138	Brookside - Sawmill	16397	E
BROOKSIDE (CS)	D	138	Bethel - Brookside	16399	E
BUCKHORN SWITCH	T	138	Ohio Central - West Millersburg	12478	E
BUCKLEY ROAD	T	138	Buckley Road - Fostoria Central	687	E
BUCYRUS CENTER	T	138	Bucyrus Center - Howard	688	E
CALDWELL	T	138	Natrium - South Caldwell	24358	E
CAMPBELL ROAD	T	138	East Lima - Yellow Creek	17717	E
CANAL ROAD	T	138	East Wooster - South Canton	704	E
CANAL STREET	D	138	Canal Street - White Road	12538	E
CANAL STREET	D	138	Canal Street - Marion Road	630	E
CANAL STREET	D	138	Canal Street - Mound Street	650	E

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

Substation Name	Type Distribution (D) Transmission (T)	Voltage(s) (kV)	Line Association (FE-T7 or FE-T9 Notation)	Notation	Line Existing or Proposed
CANNELVILLE SWITCH	T	138	Crooksville - Philo	26057	E
CANTON CENTRAL	T	138	Canton Central - Wagenhals #2	2181	E
CANTON CENTRAL	T	138	*Bluebell (FE) - Canton Central	600	E
CANTON CENTRAL	T	138	*Canton Central - Cloverdale (FE)	601	E
CANTON CENTRAL	T	138	Canton Central - Southeast Canton 138 kV	689	E
CANTON CENTRAL	T	138	Canton Central - Wagenhals #1	692	E
CANTON CENTRAL	T	345	Canton Central - Southeast Canton 345 kV	14378	E
CANTON CENTRAL	T	345	Canton Central - Stemple Sw.	23297	E
CANTON CENTRAL	T	345	Canton Central - South Canton	580	E
CANTON CENTRAL	T	345	*Canton Central - Hanna (FE)	6402	E
CARROLLTON	D	138	Carrollton - Sunnyside	19757	E
CARROLLTON	D	138	Carrollton - Gable SW	25557	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 - Melmore #2	22941	E
CIRCLEVILLE	T	138	Biers Run Circleville	24218	E
CIRCLEVILLE	T	138	Circleville - Harrison (CSP)	25137	E
CIRCLEVILLE	T	138	Circleville - Harrison #2	628	E
CIRCLEVILLE	T	138	Circleville - Scippo	637	E
CLAYBURNE SWITCH	T	138	Delano - Kenworth	20757	E
CLAYBURNE SWITCH	T	138	Delano - Kenworth - Ross	627	E
CLINTON	D	138	Clinton - Kenny	2761	E
CLINTON	D	138	Clinton - Karl Road	2762	E
CLINTON	D	138	Clinton - Saint Clair	631	E
CLINTON	D	138	Clinton - Huntley - Morse Road	657	E
CLINTON	D	138	Clinton - OSU	686	E
CLOUSE	D	138	Clouse - West Lancaster	26337	E
CLOUSE	D	138	Clouse - Zanesville	26338	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
CONESVILLE PLANT	T	345	Conesville - Ohio Central	20737	E
CONESVILLE PLANT	T	345	Conesville - Corridor	572	E
CONESVILLE PLANT	T	345	Conesville - Hyatt	576	E

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

Substation Name	Type Distribution (D) Transmission (T)	Voltage(s) (kV)	Line Association (FE-T7 or FE-T9 Notation)	Notation	Line Existing or Proposed
CONESVILLE PREPARATION PLANT	D	138	Conesville - Ohio Central	2322	E
CONGRESS SWITCH	T	138	Belpre - Corner	26137	E
CORNER	D	138	Corner - Shell	11538	E
CORNER	D	138	Corner - Riverview	11542	E
CORNER	D	138	*Corner - Washington (APS)	11545	E
CORNER	D	138	Corner - Wolf Creek	21358	E
CORNER	D	138	Belpre - Corner	26137	E
CORRIDOR	T	138	Corridor - Morse Road	647	E
CORRIDOR	T	138	Corridor - Genoa	676	E
CORRIDOR	T	138	Corridor - Gahanna 138kV	677	E
CORRIDOR	T	138	Blendon - Corridor	9578	E
CORRIDOR	T	345	Corridor - Jug Street	15237	E
CORRIDOR	T	345	Corridor - Vassell No. 1	18637	E
CORRIDOR	T	345	Corridor - Vassell No. 2	18638	E
CORRIDOR	T	345	Conesville - Corridor	572	E
CORWIN	D	138	Corwin - Lick	16117	E
CORWIN	D	138	Corwin - Elk	22417	E
CROOKSVILLE	T	138	Crooksville - Poston Strouds Run	594	E
CROOKSVILLE	T	138	Crooksville - North Newark	694	E
CROOKSVILLE	T	138	Crooksville - South Lancaster	696	E
CURVE ROAD SWITCH	T	138	Berrywood - Delaware	11417	E
CURVE ROAD SWITCH	T	138	Berrywood - Berkshire	26717	E
DAVIDSON (CS)	D	138	Britton-Davidson #1	13377	E
DAVIDSON (CS)	D	138	Britton-Davidson #2	13378	E
DAVIDSON (CS)	D	138	Bethel Road - Roberts No. 1	24898	E
DAVIDSON (CS)	D	138	Bethel Road - Davidson	24899	E
DELANO	T	138	Delano - Kenworth	20757	E
DELANO	T	138	Delano - Delano Rd (SCP)	21641	E
DELANO	T	138	Biers Run - Delano	22597	E
DELANO	T	138	Delano - Ross #2	24219	E
DELANO	T	138	Delano - Tuscany	25938	E
DELANO	T	138	Delano - Kenworth - Ross	627	E
DELAWARE (CSP)	T	138	Berrywood - Delaware	11417	E
DELAWARE (CSP)	T	138	Delaware - Vassell	19358	E
DELAWARE (CSP)	T	138	*Darby (DP&L) - Delaware	654	E

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

Substation Name	Type Distribution (D) Transmission (T)	Voltage(s) (kV)	Line Association (FE-T7 or FE-T9 Notation)	Notation	Line Existing or Proposed
DELAWARE (CSP)	T	138	Delaware - Hyatt (CSP)	659	E
DELAWARE (CSP)	T	138	*Delaware - Tangy	660	E
DEXTER SWITCH	T	138	Dexter Sw. - Meigs No. 2 (Socco)	15559	E
DEXTER SWITCH	T	138	Dexter Sw. - Elliott - Poston	596	E
DEXTER SWITCH	T	138	Dexter Sw. - Rutland	6281	E
DOGWOOD RIDGE	D	138	East Wheelersburg - Millbrook	2344	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
DON MARQUIS (OP-CS) (OVEC)	T	138	Don Marquis - Lick	15138	E
DON MARQUIS (OP-CS) (OVEC)	T	138	Don Marquis - South Lucasville	21538	E
DON MARQUIS (OP-CS) (OVEC)	T	345	Biers Run - Don Marquis	21618	E
DON MARQUIS (OP-CS) (OVEC)	T	345	*Don Marquis - Killen (DP&L)	9237	E
DON MARQUIS (OP-CS) (OVEC)	T	765	Don Marquis - Hanging Rock	543	E
DUBLIN(CS)	D	138	Dublin - Sawmill	12717	E
DUBLIN(CS)	D	138	Britton-Dublin	24897	E
DUCK CREEK	D	138	Gorsuch - Mill Creek	11539	E
EAST AMSTERDAM	T	138	Tidd - June Road	26958	E
EAST BEAVER	T	138	Don Marquis - Lick	15138	E
EAST BROAD STREET	T	138	Blacklick - East Broad	13397	E
EAST BROAD STREET	T	138	East Broad Street - Yearling	2228	E
EAST BROAD STREET	T	138	East Broad Street - Kirk #1	648	E
EAST BROAD STREET	T	138	East Broad Street - Kirk #2	649	E
EAST BROAD STREET	T	138	Astor - East Broad Street	661	E
EAST LEIPSIC	T	138	East Leipsic - Yellow Creek	17718	E
EAST LEIPSIC	T	138	East Leipsic - Richland	4883	E
EAST LIMA	T	138	East Lima - Yellow Creek	17717	E
EAST LIMA	T	138	East Lima - Sterling	2043	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
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 - West Lima	701	E
EAST LIMA	T	345	East Lima - Maddox Creek	16757	E

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AEP OHIO
SUMMARY OF EXISTING SUBSTATIONS ON TRANSMISSION LINES

Substation Name	Type Distribution (D) Transmission (T)	Voltage(s) (kV)	Line Association (FE-T7 or FE-T9 Notation)	Notation	Line Existing or Proposed
EAST LIMA	T	345	East Lima - Fostoria Central	581	E
EAST LIMA	T	345	East Lima - Southwest Lima	582	E
EAST LIMA	T	345	East Lima - Marysville	583	E
EAST LIVERPOOL	T	138	*East Liverpool - Wylie Ridge (FE)	3862	E
EAST NEW CONCORD	D	138	Muskingum River - West Cambridge	729	E
EAST POINTE	D	138	Ohio Central - Philo #1	739	E
EAST PROCTORVILLE	D	138	Darrah - North Proctorville	185	E
EAST SIDE (LIMA)	D	138	North Delphos - Sterling	24279	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	East Wooster - Wooster	2253	E
EAST WOOSTER	T	138	*Cloverdale (FE) - East Wooster	602	E
EAST WOOSTER	T	138	East Wooster - South Canton	704	E
EAST ZANESVILLE	T	138	Ohio Central - Philo #1	739	E
EASTOWN ROAD	D	138	Rockhill - West Lima	743	E
ELK	D	138	Corwin - Elk	22417	E
ELK	D	138	Elk - Poston	22418	E
ELLIOTT	T	138	Dexter Sw. - Elliott - Poston	596	E
FAIRCREST STREET	D	138	South Canton - Southeast Canton 138 kV	744	E
FIFTH AVENUE	D	138	Hess Street - Wilson Road	641	E
FINDLAY CENTER	T	138	Ebersole - Findlay Center	20859	E
FISHER	T	138	Fisher - Hall - Wilson	11338	E
FISHER	T	138	Fisher - Roberts	5282	E
FLAG CITY	D	138	Ebersole - New Liberty	20857	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	138	Ebersole - Fostoria Central #2	20858	E
FOSTORIA CENTRAL	T	138	Ebersole - Fostoria Central #1	20860	E
FOSTORIA CENTRAL	T	138	Fostoria Central - Melmore	22938	E
FOSTORIA CENTRAL	T	138	Buckley Road - Fostoria Central	687	E
FOSTORIA CENTRAL	T	138	Fostoria Central - West End Fostoria	708	E
FOSTORIA CENTRAL	T	345	Gallon - South Berwick	554	E

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AEP OHIO
SUMMARY OF EXISTING SUBSTATIONS ON TRANSMISSION LINES

Substation Name	Type Distribution (D) Transmission (T)	Voltage(s) (kV)	Line Association (FE-T7 or FE-T9 Notation)	Notation	Line Existing or Proposed
FOSTORIA CENTRAL	T	345	*Fostoria Central - Lemoyne (FE)	555	E
FOSTORIA CENTRAL	T	345	East Lima - Fostoria Central	581	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 - West Fremont (FE)	11579	E
FREMONT CENTER	T	138	Fremont Center - Tiffin Center #2	21397	E
FREMONT CENTER	T	138	Fremont Center - Tiffin Center #1	709	E
FULTON (OP)	D	138	South Kenton - West Mount Vernon	748	E
GAHANNA	D	138	Blacklick - Gahanna	13398	E
GAHANNA	D	138	Gahanna - West Millersport	18657	E
GAHANNA	D	138	Corridor - Gahanna 138kV	677	E
GAHANNA	D	138	Gahanna - Hap Cremean	7731	E
GAVIN 138KV	T	138	Gavin - Sporn No. 1	187	E
GAVIN 138KV	T	138	Gavin - Sporn No. 2	188	E
GAVIN 138KV	T	138	Gavin - North Crown City	20537	E
GAVIN 138KV	T	138	Firebrick - Gavin	22219	E
GAVIN 765KV	T	765	Gavin - Mountaineer	11	E
GAVIN 765KV	T	765	Culloden - Gavin	14	E
GAVIN 765KV	T	765	Flatlick - Gavin	8314	E
GAY STREET	D	138	Gay Street - Vine	643	E
GAY STREET	D	138	Buckeye Steel - Gay Street	666	E
GAY STREET	D	138	Gay Street - McComb	672	E
GE TAP SWITCH	T	138	Clinton - Huntley - Morse Road	657	E
GENOA	T	138	Genoa - Westar	14218	E
GENOA	T	138	Genoa - Maliszewski	6228	E
GENOA	T	138	Genoa - Karl Road - Morse Road	639	E
GENOA	T	138	Corridor - Genoa	676	E
GORSUCH	T	138	Gorsuch - Mill Creek	11539	E
GORSUCH	T	138	Gorsuch - Riverview	11544	E
GREENLAWN	T	138	Greenlawn - Melmore	22942	E
GREENLAWN	T	138	Greenlawn - Tiffin Center	710	E
GREIF	T	138	Greif - Hyatt	13017	E
GREIF	T	138	Greif - Huntley	13018	E
GROVES ROAD	T	138	Asfor - Groves - Shannon	15558	E
GROVES ROAD	T	138	Bixby - Groves Road No. 2	2331	E

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AEP OHIO
SUMMARY OF EXISTING SUBSTATIONS ON TRANSMISSION LINES

Substation Name	Type Distribution (D) Transmission (T)	Voltage(s) (kV)	Line Association (FE-T7 or FE-T9 Notation)	Notation	Line Existing or Proposed
GROVES ROAD	T	138	Bexley - Groves	2804	E
GROVES ROAD	T	138	Bixby - Groves Road No. 1	658	E
HALL	D	138	Beatty Road - Bolton	11337	E
HALL	D	138	Bolton - Hall	26757	E
HALL	D	138	Fisher - Hall - Wilson	11338	E
HANGING ROCK	T	138	Bellefonte - East Wheelersburg	193	E
HANGING ROCK 765KV	T	765	Baker - Hanging Rock	15	E
HANGING ROCK 765KV	T	765	Don Marquis - Hanging Rock	543	E
HANGING ROCK 765KV	T	765	Hanging Rock - Jefferson	546	E
HANGING ROCK 765KV	T	765	*DENA (IPP) - Hanging Rock	8931	E
HANTHORN ROAD SWITCH	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
HARMAR HILL	D	138	Gorsuch - Mill Creek	11539	E
HARRISON	T	138	Beatty Road - Harrison (CSP)	1983	E
HARRISON	T	138	Circleville - Harrison (CSP)	25137	E
HARRISON	T	138	Circleville - Harrison #2	628	E
HARRISON	T	138	Harrison (Csp) - Marion Road	632	E
HARRISON	T	138	Harrison (Csp) - Poston	634	E
HARRISON	T	138	Harrison (Csp) - South Central	662	E
HAVILAND	T	138	Haviland - Timber Switch	16677	E
HAVILAND	T	138	East Lima - Haviland	2062	E
HAYDEN	T	345	Hayden Sw. - Roberts No. 1	14839	E
HAYDEN	T	345	Cole - Hayden	26782	E
HAYDEN	T	345	Hayden Sw. - Hyatt (CSP)	573	E
HAYDEN	T	345	Hayden Sw. - Roberts No. 2	574	E
HAZELTON	T	138	Jug Street - Kirk 138kV	20758	E
HEDDING ROAD SWITCH	T	138	South Kenton - West Mount Vernon	748	E
HESS STREET	D	138	Hess Street - OSU	640	E
HESS STREET	D	138	Hess Street - Wilson Road	641	E
HESS STREET	D	138	Hess Street - Vine	679	E
HIGHLAND (CS)	D	138	Highland (CSP) - Hillsboro	21117	E
HIGHLAND (CS)	D	138	Highland (CSP) - Seaman	21678	E
HILLSBORO	T	138	*Hillsboro - Warren (Duke)	12737	E

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AEP OHIO
SUMMARY OF EXISTING SUBSTATIONS ON TRANSMISSION LINES

Substation Name	Type Distribution (D) Transmission (T)	Voltage(s) (kV)	Line Association (FE-T7 or FE-T9 Notation)	Notation	Line Existing or Proposed
HILLSBORO	T	138	Hillsboro - Wildcat	18077	E
HILLSBORO	T	138	Highland (CSP) - Hillsboro	21117	E
HILLSBORO	T	138	Hillsboro - Millbrook Park	2982	E
HILLSBORO	T	138	*Hillsboro - Hutchings (DP&L)	607	E
HILLVIEW DRIVE	D	138	Newcomerstown - West New Philadelphia	732	E
HOCKING	T	138	Hocking - Poston	10098	E
HOCKING	T	138	Hocking - West Lancaster	10217	E
HOWARD	T	138	Howard - North Bellville	12239	E
HOWARD	T	138	Howard - Melmore #1	22939	E
HOWARD	T	138	Howard - Melmore #2	22941	E
HOWARD	T	138	Howard - North Lexington	25597	E
HOWARD	T	138	*Brookside (FE) - Howard	608	E
HOWARD	T	138	*Howard - Shelby #1	609	E
HOWARD	T	138	Bucyrus Center - Howard	688	E
HUNTLEY	T	138	Greif - Huntley	13018	E
HUNTLEY	T	138	Clinton - Huntley - Morse Road	657	E
HUNTLEY	T	138	Huntley - Linworth	665	E
HYATT	T	138	Greif - Hyatt	13017	E
HYATT	T	138	Amlin - Hyatt	20237	E
HYATT	T	138	Hyatt (CSP) - Sawmill #2	25058	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 #1	645	E
HYATT	T	138	Delaware - Hyatt (CSP)	659	E
HYATT	T	345	Hyatt - Vassell	19359	E
HYATT	T	345	Hyatt (OP) - West Millersport	550	E
HYATT	T	345	Hyatt (OP) - Tanga	565	E
HYATT	T	345	Hayden Sw. - Hyatt (CSP)	573	E
HYATT	T	345	Conesville - Hyatt	576	E
HYATT	T	345	Hyatt (OP) - Marysville	584	E
JUG STREET	T	138	Jug Street - Kirk 138kV	20758	E
JUG STREET	T	138	Jug Street - Smiths Mill	21340	E
JUG STREET	T	345	Corridor - Jug Street	15237	E
JUG STREET	T	345	Jug Street - Kirk 345kV	15238	E
JUNCTION CITY SWITCH	T	138	Clouse - West Lancaster	26337	E

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

Substation Name	Type Distribution (D) Transmission (T)	Voltage(s) (kV)	Line Association (FE-T7 or FE-T9 Notation)	Notation	Line Existing or Proposed
JUNE ROAD	D	138	Tidd - June Road	26958	E
JUNE ROAD	D	138	June Road - Wagenhals	26957	E
KAMMER 138KV	T	138	Kammer South - Ormet #2	2101	E
KAMMER 138KV	T	138	Kammer South - Ormet #1	722	E
KAMMER 138KV	T	138	Kammer South - Ormet #3	723	E
KAMMER 138KV	T	138	Kammer South - Ormet #4	724	E
KAMMER 138KV	T	138	Kammer South - West Bellaire	725	E
KAMMER 345KV	T	345	Kammer - West Bellaire	22338	E
KAMMER 345KV	T	345	Kammer - Muskingum River	586	E
KAMMER 765-500KV	T	765	Kammer - Vassell	19899	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	138	Jug Street - Kirk 138kV	19339	E
KIRK	T	138	Kirk - Newark Center	20758	E
KIRK	T	138	East Broad Street - Kirk #1	2276	E
KIRK	T	138	East Broad Street - Kirk #2	648	E
Kirk	T	138	Kirk - West Hebron	649	E
KIRK	T	345	Jug Street - Kirk 345kV	15238	E
KIRK	T	345	Kirk - West Millersport 345 kV	8311	E
KIRK	T	345	Bixby - Kirk	8312	E
LAYMAN	D	138	Corner - Wolf Creek	21358	E
LEESVILLE (OP)	D	138	Leesville - Yager	24232	E
LEESVILLE (OP)	D	138	Azalea - Leesville	26319	E
LICK	T	138	Don Marquis - Lick	15138	E
LICK	T	138	Corwin - Lick	16117	E
LICK	T	138	Addison - Lick - Sporn	597	E
LINWORTH	D	138	Bethel Road - Linworth	623	E
LINWORTH	D	138	Huntley - Linworth	665	E
LOCKWOOD ROAD	T	138	*Lockwood Road - Richland (FE)	610	E
LOCKWOOD ROAD	T	138	Lockwood Road - Robison Park	771	E
LSII	D	138	Bixby - LSII	625	E

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AEP OHIO
SUMMARY OF EXISTING SUBSTATIONS ON TRANSMISSION LINES

Substation Name	Type Distribution (D) Transmission (T)	Voltage(s) (kV)	Line Association (FE-T7 or FE-T9 Notation)	Notation	Line Existing or Proposed
LSII	D	138	LSII - Marion Road	629	E
MALISZEWSKI 138 KV	T	138	Maliszewski - Polaris	6225	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	Genoa - Maliszewski	6228	E
MALISZEWSKI 765 KV	T	765	Maliszewski - Vassell	19357	E
MALISZEWSKI 765 KV	T	765	Maliszewski - Marysville	6224	E
MARION ROAD	T	138	LSII - Marion Road	629	E
MARION ROAD	T	138	Canal Street - Marion Road	630	E
MARION ROAD	T	138	Harrison (Csp) - Marion Road	632	E
MARYSVILLE	T	345	Marysville - Tangy	566	E
MARYSVILLE	T	345	East Lima - Marysville	583	E
MARYSVILLE	T	345	Hyatt (OP) - Marysville	584	E
MARYSVILLE	T	345	Marysville - Southwest Lima	585	E
MARYSVILLE	T	765	Marysville - Sorenson	24461	E
MARYSVILLE	T	765	Maliszewski - Marysville	6224	E
MARYSVILLE	T	765	Flatlick - Marysville	8315	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. - Meigs No. 2 (Socco)	15559	E
MEIGS SWITCH	T	138	Dexter Sw. - Rutland	6281	E
MIFFLIN	D	138	Mifflin - Stelzer	5941	E
MIFFLIN	D	138	Mifflin - Saint Clair	655	E
MILES AVENUE	D	138	South Canton - West Canton No. 2	761	E
MILL CREEK (CSP)	D	138	Gorsuch - Mill Creek	11539	E
MILLBROOK PARK	T	138	Firebrick - Millbrook	22220	E
MILLBROOK PARK	T	138	East Wheelersburg - Millbrook	2344	E
MILLBROOK PARK	T	138	Hillsboro - Millbrook Park	2982	E
MILLBROOK PARK	T	138	Argentum - Millbrook Park	612	E
MILLBROOK PARK	T	138	Millbrook Park - South Point	726	E
MILLBROOK PARK	T	138	Millbrook Park - North Portsmouth	727	E
MILLERSPORT	T	138	West Hebron - West Millersport	19340	E
MILLWOOD	D	138	North Bellville - Ohio Central	22397	E
MILLWOOD	D	138	Academia - Ohio Central	684	E

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SUMMARY OF EXISTING SUBSTATIONS ON TRANSMISSION LINES

Substation Name	Type Distribution (D) Transmission (T)	Voltage(s) (kV)	Line Association (FE-T7 or FE-T9 Notation)	Notation	Line Existing or Proposed
MORSE ROAD	D	138	Genoa - Karl Road - Morse Road	639	E
MORSE ROAD	D	138	Corridor - Morse Road	647	E
MORSE ROAD	D	138	Clinton - Huntley - Morse Road	657	E
MORSE ROAD	D	138	Morse Road - Stelzer	664	E
MORSE ROAD	D	138	Hap Cremean - Morse Road	7732	E
MORSE ROAD	D	138	Blendon - Morse	9579	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. - Waverly	5001	E
MULBERRY	D	138	Mulberry Sw. - Ross	673	E
MUSKINGUM RIVER 138KV	T	138	Muskingum River - Wolf Creek	21357	E
MUSKINGUM RIVER 138KV	T	138	Muskingum River - South Caldwell #1	24360	E
MUSKINGUM RIVER 138KV	T	138	Muskingum River - South Caldwell #2	24361	E
MUSKINGUM RIVER 138KV	T	138	Globe Metal - Muskingum River	4942	E
MUSKINGUM RIVER 138KV	T	138	Muskingum River - West Cambridge	729	E
MUSKINGUM RIVER 345KV	T	345	Muskingum River - Ohio Central	19577	E
MUSKINGUM RIVER 345KV	T	345	Muskingum River - Sporn	21477	E
MUSKINGUM RIVER 345KV	T	345	Kammer - Muskingum River	586	E
MUSKINGUM RIVER 345KV	T	345	Muskingum River - West Millersport No. 1	589	E
MUSKINGUM RIVER 345KV	T	345	Muskingum River - West Millersport No. 2	590	E
MUSKINGUM RIVER 345KV	T	345	Beverly - Muskingum	7791	E
MUSKINGUM RIVER 345KV	T	345	Muskingum River - Waterford (IPP)	8011	E
NEGLEY	D	138	South Canton - West Canton No. 2	761	E
NEW LIBERTY	T	138	Ebersole - New Liberty	20857	E
NEW LIBERTY	T	138	East Lima - New Liberty	697	E
NEWARK CENTER	T	138	Kirk - Newark Center	2276	E
NEWARK CENTER	T	138	Conesville - Newark Center	2281	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 - Ohio Central	22397	E
NORTH CROWN CITY	T	138	Gavin - North Crown City	20537	E
NORTH CROWN CITY	T	138	North Crown City - North Proctorville	20538	E
NORTH DELPHOS	T	138	North Delphos - Sterling	24279	E

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AEP OHIO
SUMMARY OF EXISTING SUBSTATIONS ON TRANSMISSION LINES

Substation Name	Type Distribution (D) Transmission (T)	Voltage(s) (kV)	Line Association (FE-T7 or FE-T9 Notation)	Notation	Line Existing or Proposed
NORTH DELPHOS	T	138	Logtown - North Delphos	24385	E
NORTH FINDLAY	T	138	Ebersole - North Findlay	20917	E
NORTH FINDLAY	T	138	East Lima - North Findlay	698	E
NORTH LEXINGTON	D	138	Howard - North Lexington	25597	E
NORTH LEXINGTON	D	138	Academia - North Lexington	25599	E
NORTH MUSKINGUM	T	138	Muskingum River - Philo	26058	E
NORTH NEWARK	T	138	North Newark - Sharp Road	20257	E
NORTH NEWARK	T	138	North Newark - Ohio Central	4081	E
NORTH NEWARK	T	138	Crooksville - North Newark	694	E
NORTH PHILO SWITCH	T	138	Philo - Zanesville	2231	E
NORTH PORTSMOUTH	T	138	North Portsmouth - South Lucasville	21537	E
NORTH PORTSMOUTH	T	138	Central Portsmouth - North Portsmouth	693	E
NORTH PORTSMOUTH	T	138	Millbrook Park - North Portsmouth	727	E
NORTH PROCTORVILLE	T	138	Darrah - North Proctorville	185	E
NORTH PROCTORVILLE	T	138	Belleville - North Proctorville	194	E
NORTH PROCTORVILLE	T	138	North Crown City - North Proctorville	20538	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	North Zanesville - Zanesville	21281	E
NORTH ZANESVILLE	D	138	North Zanesville - Powelson	21282	E
NORTHEAST CANTON	T	138	Wagenhals - West Canton	762	E
NORTHEAST CANTON	D	138	Wagenhals - West Canton	762	E
NORTHWEST LIMA	D	138	East Lima - West Lima	701	E
OHIO CENTRAL	T	138	Ohio Central - West Millersburg	12478	E
OHIO CENTRAL	T	138	Ohio Central - Powelson	21280	E
OHIO CENTRAL	T	138	North Bellville - Ohio Central	22397	E
OHIO CENTRAL	T	138	Ohio Central - Philo #2	22537	E
OHIO CENTRAL	T	138	Conesville - Ohio Central	2322	E
OHIO CENTRAL	T	138	North Newark - Ohio Central	4081	E
OHIO CENTRAL	T	138	Academia - Ohio Central	684	E
OHIO CENTRAL	T	138	Ohio Central - South Coshocton	736	E
OHIO CENTRAL	T	138	Ohio Central - Philo #1	739	E
OHIO CENTRAL	T	138	Dresden - Ohio Central	9217	E
OHIO CENTRAL	T	345	Muskingum River - Ohio Central	19577	E

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

Substation Name	Type Distribution (D) Transmission (T)	Voltage(s) (kV)	Line Association (FE-T7 or FE-T9 Notation)	Notation	Line Existing or Proposed
OHIO CENTRAL	T	345	Galion - Ohio Central	19578	E
OHIO CENTRAL	T	345	Conesville - Ohio Central	20737	E
OHIO CENTRAL	T	345	Bixby - Ohio Central	20738	E
ORDNANCE JT SWITCH	T	138	Ordinance Junction Sw. - Sterling	740	E
ORDNANCE JT SWITCH	T	138	Ordinance Junction Sw. - Southwest Lima	741	E
OSU	D	138	OSU - West Campus	17137	E
OSU	D	138	Hess Street - OSU	640	E
OSU	D	138	Clinton - OSU	686	E
OUTERBELT SWITCH	T	138	Blacklick - East Broad	13397	E
PACKARD	D	138	Wagenhals - West Canton	762	E
PAULDING	D	138	East Lima - Yellow Creek	17717	E
PHILO SWITCH	T	138	Philo - Zanesville	2231	E
PHILO SWITCH	T	138	Ohio Central - Philo #2	22537	E
PHILO SWITCH	T	138	Crooksville - Philo	26057	E
PHILO SWITCH	T	138	Muskingum River - Philo	26058	E
PHILO SWITCH	T	138	Ohio Central - Philo #1	739	E
PHILO SWITCH	T	138	Philo Sw. - South Canton	742	E
POLARIS	D	138	Polaris - Westar	14217	E
POLARIS	D	138	Maliszewski - Polaris	6225	E
PORTERFIELD	D	138	Corner - Shell	11538	E
POSTON	T	138	Hocking - Poston	10098	E
POSTON	T	138	Poston - Ross	2256	E
POSTON	T	138	Crooksville - Poston Strouds Run	594	E
POSTON	T	138	Dexter Sw. - Elliott - Poston	596	E
POSTON	T	138	Harrison (Csp) - Poston	634	E
POWELSON	D	138	Ohio Central - Powelson	21280	E
POWELSON	D	138	North Zanesville - Powelson	21282	E
PROMWAY	D	138	Wayview - West Canton	765	E
REEDURBAN	T	138	South Canton - West Canton No. 2	761	E
REEDURBAN	D	138	South Canton - West Canton No. 2	761	E
REFUGEE SWITCH	D	138	Asfor - Groves - Shannon	15558	E
RENO	D	138	Gorsuch - Mill Creek	11539	E
RILEY CREEK SWITCH	T	138	East Lima - Yellow Creek	17717	E
RIO	D	138	Addison - Lick - Sporn	597	E
RIVERVIEW (CSP)	D	138	Corner - Riverview	11542	E

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

Substation Name	Type Distribution (D) Transmission (T)	Voltage(s) (kV)	Line Association (FE-T7 or FE-T9 Notation)	Notation	Line Existing or Proposed
RIVERVIEW (CSP)	D	138	Elkem Metals - Riverview	11543	E
RIVERVIEW (CSP)	D	138	Gorsuch - Riverview	11544	E
RIVERVIEW (CSP)	D	138	Riverview - Williams Creek (APS)	11597	E
ROBERTS	T	138	Roberts - West Campus	13378	E
ROBERTS	T	138	Roberts-Wilson	17138	E
ROBERTS	T	138	Fisher - Roberts	2102	E
ROBERTS	T	138	Bethel Road - Roberts No. 1	5282	E
ROBERTS	T	138	Kenny - Roberts	621	E
ROBERTS	T	345	Hayden Sw. - Roberts No. 1	14839	E
ROBERTS	T	345	Hayden Sw. - Roberts No. 2	574	E
ROCKHILL (OP)	T	138	Ford - Rockhill	2841	E
ROCKHILL (OP)	T	138	East Lima - Rockhill	699	E
ROCKHILL (OP)	T	138	Rockhill - West Lima	743	E
ROSEWOOD SWITCH	T	138	Dexter Sw. - Elliott - Poston	596	E
ROSS	T	138	Delano - Kenworth	20757	E
ROSS	T	138	Poston - Ross	2256	E
ROSS	T	138	Delano - Ross #2	24219	E
ROSS	T	138	Mulberry Sw. - Ross	673	E
ROZELLE	D	138	Mulberry Sw. - Waverly	5001	E
RUTLAND	T	138	Rutland - Sporn	4306	E
RUTLAND	T	138	Dexter Sw. - Rutland	6281	E
SAINT CLAIR AVENUE (CS)	D	138	*Italian Village - Saint Clair	11697	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	655	E
SAINT CLAIR AVENUE (CS)	D	138	Mound Street - Saint Clair (CSP)	671	E
SAWMILL	T	138	Dublin - Sawmill	12717	E
SAWMILL	T	138	Brookside - Sawmill	16397	E
SAWMILL	T	138	Hyatt (CSP) - Sawmill #2	25058	E
SAWMILL	T	138	Hyatt (Csp) - Sawmill #1	645	E
SCIOTO TRAIL (CS)	D	138	Scioto Trail - Scippo	670	E
SCIPPO	D	138	Circleville - Scippo	637	E
SCIPPO	D	138	Scioto Trail - Scippo	670	E
SCIPPO	D	138	Hargus (CCA) - Scippo	7631	E
SCOTTOWN SWITCH	T	138	Apple Grove - South Point	184	E

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

Substation Name	Type Distribution (D) Transmission (T)	Voltage(s) (kV)	Line Association (FE-T7 or FE-T9 Notation)	Notation	Line Existing or Proposed
SEAMAN	T	138	Highland (CSP) - Seaman	21678	E
SEAMAN	T	138	Adams - Seaman	22117	E
SHANNON	D	138	Bixby - Shannon	15557	E
SHANNON	D	138	Astor - Groves - Shannon	15558	E
SHARP ROAD	T	138	North Newark - Sharp Road	20257	E
SHARP ROAD	T	138	Sharp Road - West Mount Vernon	20258	E
SHAWNEE ROAD	T	138	Ordinance Junction Sw. - Southwest Lima	741	E
SHEPLER SWITCH	T	138	Southeast Canton - Timken	750	E
SOMERTON	T	138	Natrium - South Caldwell	24358	E
SOUTH BERWICK	T	345	Galion - South Berwick	554	E
SOUTH CADIZ	T	138	Gable SW - South Cadiz	25558	E
SOUTH CADIZ	T	138	Freebyrd - South Cadiz	18697	E
SOUTH CADIZ	D	138	Gable SW - South Cadiz	25558	E
SOUTH CADIZ	D	138	Freebyrd - South Cadiz	18697	E
SOUTH CALDWELL	T	138	South Caldwell - South Cumberland	24357	E
SOUTH CALDWELL	T	138	Natrium - South Caldwell	24358	E
SOUTH CALDWELL	T	138	South Caldwell - Steamtown	24359	E
SOUTH CALDWELL	T	138	Muskingum River - South Caldwell #1	24360	E
SOUTH CALDWELL	T	138	Muskingum River - South Caldwell #2	24361	E
SOUTH CANTON 138KV	T	138	North Intertie (City of Dover) - South Canton	2003	E
SOUTH CANTON 138KV	T	138	South Canton - West Canton No.1	21137	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 - West Canton No. 2	761	E
SOUTH CANTON 345KV	T	345	South Canton - Southeast Canton 345 kV	14857	E
SOUTH CANTON 345KV	T	345	Harmon (FE) - South Canton	20877	E
SOUTH CANTON 345KV	T	345	*South Canton - Sammis (FE)	564	E
SOUTH CANTON 345KV	T	345	Canton Central - South Canton	580	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 CUMBERLAND	T	138	South Caldwell - South Cumberland	24357	E

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

Substation Name	Type Distribution (D) Transmission (T)	Voltage(s) (kV)	Line Association (FE-T7 or FE-T9 Notation)	Notation	Line Existing or Proposed
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
SOUTH LANCASTER	T	138	Crooksville - South Lancaster	696	E
SOUTH LANCASTER	T	138	South Lancaster - West Lancaster	751	E
SOUTH LUCASVILLE	D	138	North Portsmouth - South Lucasville	21537	E
SOUTH LUCASVILLE	D	138	Don Marquis - South Lucasville	21538	E
SOUTH MILLERSBURG	T	138	Ohio Central - West Millersburg	12478	E
SOUTH POINT	T	138	Apple Grove - South Point	184	E
SOUTH POINT	T	138	South Point - Tri State	2845	E
SOUTH POINT	T	138	Millbrook Park - South Point	726	E
SOUTH TIFFIN	T	138	Melmore - West End Fostoria	22940	E
SOUTH TORONTO	T	138	*South Toronto - Weirton (FE) - Wylie Ridge (FE)	614	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
SOUTHEAST CANTON	T	345	Canton Central - Southeast Canton 345 kV	14378	E
SOUTHEAST CANTON	T	345	South Canton - Southeast Canton 345 kV	14857	E
SOUTHWEST LIMA	T	138	Southwest Lima - West Moulton	4842	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	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
SPENCER RIDGE SWITCH	T	138	Crooksville - Poston Strouds Run	594	E
SPRING ROAD SWITCH	T	138	Genoa - Karl Road - Morse Road	639	E
STELZER	T	138	Mifflin - Stelzer	5941	E
STELZER	T	138	Morse Road - Stelzer	664	E
STERLING	T	138	East Lima - Sterling	2043	E
STERLING	T	138	North Delphos - Sterling	24279	E
STERLING	T	138	Ordinance Junction Sw. - Sterling	740	E
STRASBURG	D	138	Philo Sw. - South Canton	742	E
STROUDS RUN	T	138	Crooksville - Poston Strouds Run	594	E
SUGARCREEK TERMINAL	D	138	Philo Sw. - South Canton	742	E

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

Substation Name	Type Distribution (D) Transmission (T)	Voltage(s) (kV)	Line Association (FE-T7 or FE-T9 Notation)	Notation	Line Existing or Proposed
SULLIVANT TERMINAL	T	138	Gay Street - McComb	672	E
SULPHUR SPRINGS	D	138	Bucyrus Center - Howard	688	E
SUMAC 138KV	D	138	Amlin - Sumac #2	26297	E
SUMAC 138KV	D	138	Amlin - Sumac #1	26298	E
SUMMERFIELD	T	138	Steamtown - Summerfield	19398	E
SUMMERFIELD	T	138	Blue Racer - Summerfield	20577	E
SUMMERFIELD	T	138	Natrium - Summerfield	778	E
SUNBURY TAP	T	138	Berkshire - Trent	11418	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
TAYLOR	D	138	East Broad Street - Kirk #1	648	E
THAYER ROAD	D	138	East Lima - Sterling	2043	E
THIVENER SWITCH	T	138	Gavin - North Crown City	20537	E
THREE CREEKS SWITCH	T	138	Bixby - Groves Road No. 1	658	E
TIDD 138KV	T	138	Tidd - Gable SW	25559	E
TIDD 138KV	T	138	*Tidd - Weirton (FE) #2	616	E
TIDD 345KV	T	345	Tidd - Stemple	25279	E
TIDD 345KV	T	345	Tidd - West Bellaire	25280	E
TIFFIN CENTER	T	138	Fremont Center - Tiffin Center #2	21397	E
TIFFIN CENTER	T	138	Melmore - Tiffin Center	21398	E
TIFFIN CENTER	T	138	Fremont Center - Tiffin Center #1	709	E
TIFFIN CENTER	T	138	Greenlawn - Tiffin Center	710	E
TILTONSVILLE	T	138	*West Bellaire - Windsor (FE)	617	E
TORREY	T	138	*Cloverdale (FE) - Torrey	2185	E
TORREY	T	138	South Canton - Torrey	747	E
TORREY	T	138	Sunnyside - Torrey 138kV	755	E
TRABUE	D	138	Fisher - Roberts	5282	E
TRENT	D	138	Berkshire - Trent	11418	E
TRENT	D	138	Centerburg - Trent	13838	E
VINE	D	138	*Italian Village - Vine	11698	E
VINE	D	138	City of Columbus - Vine No. 1	619	E
VINE	D	138	Gay Street - Vine	643	E

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

Substation Name	Type Distribution (D) Transmission (T)	Voltage(s) (kV)	Line Association (FE-T7 or FE-T9 Notation)	Notation	Line Existing or Proposed
VINE	D	138	Hess Street - Vine	679	E
VINE	D	138	City of Columbus - Vine No. 2	681	E
WAGENHALS	T	138	Wagenhals - Wayview	20117	E
WAGENHALS	T	138	Canton Central - Wagenhals #2	2181	E
WAGENHALS	T	138	Canton Central - Wagenhals #1	692	E
WAGENHALS	T	138	Sunnyside - Wagenhals	756	E
WAGENHALS	T	138	Wagenhals - West Canton	762	E
WAGENHALS	T	138	LTV Steel - Wagenhals No. 1	763	E
WAGENHALS	T	138	LTV Steel - Wagenhals No. 2	764	E
WAKEFIELD	T	138	Don Marquis - South Lucasville	21538	E
WARNER SWITCH	T	138	Sunnyside - Torrey 138kV	755	E
WATERFORD (OPC)	T	345	Muskingum River - Waterford (IPP)	8011	E
WAVERLY	T	138	Don Marquis - Waverly No. 1	13679	E
WAVERLY	T	138	Don Marquis - Waverly No. 2	15137	E
WAVERLY	T	138	Ware Road - Waverly	18299	E
WAVERLY	T	138	Mulberry Sw. - Waverly	5001	E
WAYVIEW	T	138	Wagenhals - Wayview	20117	E
WAYVIEW	T	138	Wayview - West Canton	765	E
WEST BELLAIRE	T	138	Brues - West Bellaire #2	21157	E
WEST BELLAIRE	T	138	*West Bellaire - Windsor (FE)	617	E
WEST BELLAIRE	T	138	Kammer South - West Bellaire	725	E
WEST BELLAIRE	T	138	Brues - West Bellaire #1	772	E
WEST BELLAIRE	T	345	Kammer - West Bellaire	22338	E
WEST BELLAIRE	T	345	Tidd - West Bellaire	25280	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	South Canton - West Canton No.1	21137	E
WEST CANTON	T	138	*Dale (FE) - West Canton	3864	E
WEST CANTON	T	138	South Canton - West Canton No. 2	761	E
WEST CANTON	T	138	Wagenhals - West Canton	762	E
WEST CANTON	T	138	Wayview - West Canton	765	E
WEST COSHOCTON	T	138	Ohio Central - West Millersburg	12478	E
WEST DOVER	T	138	Philo Sw. - South Canton	742	E

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

Substation Name	Type Distribution (D) Transmission (T)	Voltage(s) (kV)	Line Association (FE-T7 or FE-T9 Notation)	Notation	Line Existing or Proposed
WEST END FOSTORIA	T	138	Melmore - West End Fostoria	22940	E
WEST END FOSTORIA	T	138	*Lemoyne (FE) - West End Fostoria - Woodville	618	E
WEST END FOSTORIA	T	138	Fostoria Central - West End Fostoria	708	E
West Hebron	T	138	Kirk - West Hebron	19339	E
West Hebron	T	138	West Hebron - West Millersport	19340	E
WEST LANCASTER	T	138	Hocking - West Lancaster	10217	E
WEST LANCASTER	T	138	Bixby - West Lancaster	593	E
WEST LANCASTER	T	138	South Lancaster - West Lancaster	751	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 MILLERSBURG	D	138	West Millersburg - Wooster	12477	E
WEST MILLERSBURG	D	138	Ohio Central - West Millersburg	12478	E
WEST MILLERSPORT	T	138	Gahanna - West Millersport	18657	E
WEST MILLERSPORT	T	138	North Fairfield - West Millersport	19340	E
WEST MILLERSPORT	T	138	West Hebron - West Millersport	4962	E
WEST MILLERSPORT	T	345	Hyatt (OP) - West Millersport	550	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
WEST MILLERSPORT	T	345	Kirk - West Millersport 345 kV	8311	E
WEST MOULTON	T	138	Southwest Lima - West Moulton	4842	E
WEST MOUNT VERNON	T	138	Sharp Road - West Mount Vernon	20258	E
WEST MOUNT VERNON	T	138	Academia - West Mount Vernon	685	E
WEST MOUNT VERNON	T	138	South Kenton - West Mount Vernon	748	E
WEST NEW PHILADELPHIA	T	138	North Interlie (City of Dover) - West New Philadelphia	5161	E
WEST NEW PHILADELPHIA	T	138	Newcomerstown - West New Philadelphia	732	E
WEST NEWTON SWITCH	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	Polaris - Westar	14217	E
WESTAR	T	138	Genoa - Westar	14218	E
WHITE ROAD	D	138	Beatty Road - White Road	12537	E
WHITE ROAD	D	138	Canal Street - White Road	12538	E
WILDCAT	D	138	Hillsboro - Wildcat	18077	E
WILDCAT	D	138	*Kenton (LGE-KU) - Wildcat	18078	E

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

Substation Name	Type Distribution (D) Transmission (T)	Voltage(s) (kV)	Line Association (FE-T7 or FE-T9 Notation)	Notation	Line Existing or Proposed
WILDCREEK SWITCH	T	138	South Kenton - West Mount Vernon	748	E
WILSON ROAD	T	138	Fisher - Hall - Wilson	11338	E
WILSON ROAD	T	138	Beatty Road - Wilson	1985	E
WILSON ROAD	T	138	Roberts-Wilson	2102	E
WILSON ROAD	T	138	Hess Street - Wilson Road	641	E
WOLF CREEK (CSP)	T	138	Muskingum River - Wolf Creek	21357	E
WOLF CREEK (CSP)	T	138	Corner - Wolf Creek	21358	E
WOOSTER	T	138	West Millersburg - Wooster	12477	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
YELLOWBUSH	T	138	Century Aluminum - Sporn South No. 2	13898	E
ZANESVILLE	T	138	North Zanesville - Zanesville	21281	E
ZANESVILLE	T	138	Philo - Zanesville	2231	E
ZANESVILLE	T	138	Clouse - Zanesville	26338	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:	Dexter Sw. - Elliott - Lemaster 138 kV (Existing circuit Dexter Sw. - Elliott - Poston 138 kV circuit renamed due
2.	Points of Origin and Termination:	Lemaster/ Dexter Sw. Elliott; Intermediate Station - Rosewood Sw
3.	Right-Of-Way:	20.88 miles/100ft, 1 circuit
4.	Voltage:	138 kV/ 138 kV
5.	Application For Certificate:	LON
6.	Construction:	Station construction to start in 2017. Line construction to start in 2018.
7.	Capital Investment:	Approx: \$1.10 million
8.	Planned Substations:	Name - Lemaster; Voltage - 138 kV; Acreage - Approximately 22 acres.; Location - Athens
9.	Supporting Structures:	TBD
10.	Participation with Other Utilities:	N/A
11.	Purpose of the Planned Transmission Line	Relocate to the new Lemaster station.
12.	Consequences of Line Construction Deferment or Termination:	Will not be energized as Poston station will be retired and Lemaster will replace it.
13.	Miscellaneous	

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

1.	Line Name and Number:	Elk - Lemaster 138 kV (Existing circuit Elk - Poston 138 kV circuit renamed due to Poston station being replaced
2.	Points of Origin and Termination:	Lemaster /Elk; Intermediate Station - Rosewood Sw
3.	Right-Of-Way:	20.88 miles/100ft, 1 circuit
4.	Voltage:	138 kV/ 138 kV
5.	Application For Certificate:	LON
6.	Construction:	Station construction to start in 2017. Line construction to start in 2018.
7.	Capital Investment:	Approx: \$1 million
8.	Planned Substations:	Name - Lemaster; Voltage - 138 kV; Acreage - Approximately 22 acres.; Location - Athens
9.	Supporting Structures:	TBD
10.	Participation with Other Utilities:	N/A
11.	Purpose of the Planned Transmission Line	Relocate to the new Lemaster station.
12.	Consequences of Line Construction Deferment or Termination:	Will not be energized as Poston station will be retired and Lemaster will replace it.
13.	Miscellaneous	

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

1.	Line Name and Number:	Gristmill - Shelby 345kV
2.	Points of Origin and Termination:	Gristmill - Shelby; Intermediate Station - N/A
3.	Right-Of-Way:	17.75 mi / 150 / single ckt
4.	Voltage:	345kV / 345kV
5.	Application For Certificate:	2018/2019
6.	Construction:	To be completed approx. 12/31/2019
7.	Capital Investment:	Approx. \$2M
8.	Planned Substations:	Name - N/A; Voltage - 345/138kV; Acreage - N/A; Location - N/A
9.	Supporting Structures:	Overhead, Guyed V
10.	Participation with Other Utilities:	N/A
11.	Purpose of the Planned Transmission Line	This circuit is created by cutting into the existing Shelby - Southwest Lima 345kV circuit and terminating at the new
12.	Consequences of Line Construction Deferment or Termination:	New customer load would not have service in required timeframe
13.	Miscellaneous	

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

1.	Line Name and Number:	Gristmill - Southwest Lima 345kV
2.	Points of Origin and Termination:	Gristmill - Southwest Lima; Intermediate Station - N/A
3.	Right-Of-Way:	10.5 mi / 150 / single ckt
4.	Voltage:	345kV / 345kV
5.	Application For Certificate:	2018/2019
6.	Construction:	To be completed approx. 12/31/2019
7.	Capital Investment:	Approx. \$2M
8.	Planned Substations:	Name - Gristmill; Voltage - 345/138kV; Acreage - N/A; Location - N/A
9.	Supporting Structures:	Overhead, Guyed V
10.	Participation with Other Utilities:	N/A
11.	Purpose of the Planned Transmission Line	This circuit is created by cutting into the existing Shelby - Southwest Lima 345kV circuit and terminating at the new
12.	Consequences of Line Construction Deferment or Termination:	New customer load would not have service in required timeframe
13.	Miscellaneous	

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

1.	Line Name and Number:	Hannibal 138kV Extension #1 &2
2.	Points of Origin and Termination:	Hannibal station (IPP interconnection); Intermediate Station - N/A
3.	Right-Of-Way:	0.1 mi / 100 ft / double-circuit
4.	Voltage:	138kV / 138kV
5.	Application For Certificate:	Construction notice or LON in 2018-19
6.	Construction:	Tentative 2019-20
7.	Capital Investment:	\$500k
8.	Planned Substations:	Name - Hannibal; Voltage - 138kV; Acreage - 4; Location - Hannibal (former Ormet property)
9.	Supporting Structures:	Steel lattice towers
10.	Participation with Other Utilities:	N/A
11.	Purpose of the Planned Transmission Line	Extend existing Ormet 138kV lines to new IPP interconnection station
12.	Consequences of Line Construction Deferment or Termination:	Not being able to interconnect new IPP natural gas power plant
13.	Miscellaneous	

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

1.	Line Name and Number:	Harrison (Csp) - Lemaster (Existing circuitHarrison (Csp) - Poston 138 kV circuit renamed due to Poston
2.	Points of Origin and Termination:	Lemaster /Harrison; Intermediate Station - Good Hope Sw
3.	Right-Of-Way:	54.36/100ft, 1 circuit
4.	Voltage:	138 kV/ 138 kV
5.	Application For Certificate:	LON
6.	Construction:	Station construction to start in 2017. Line construction to start in 2018.
7.	Capital Investment:	Approx: \$0.803 million
8.	Planned Substations:	Name - Lemaster; Voltage - 138 kV; Acreage - Approximately 22 acres.; Location - Athens
9.	Supporting Structures:	TBD
10.	Participation with Other Utilities:	N/A
11.	Purpose of the Planned Transmission Line	Relocate to the new Lemaster station.
12.	Consequences of Line Construction Deferment or Termination:	Will not be energized as Poston station will be retired and Lemaster will replace it.
13.	Miscellaneous	

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

1.	Line Name and Number:	Hocking - Lemaster (Existing circuit Hocking - Poston 138 kV circuit renamed due to Poston station being
2.	Points of Origin and Termination:	Lemaster /Hocking; Intermediate Station - Kimberly
3.	Right-Of-Way:	15.65/100ft, 1 circuit
4.	Voltage:	138 kV/ 138 kV
5.	Application For Certificate:	LON
6.	Construction:	Station construction to start in 2017. Line construction to start in 2018.
7.	Capital Investment:	Approx: \$0.957 million
8.	Planned Substations:	Name - Lemaster; Voltage - 138 kV; Acreage - Approximately 22 acres.; Location - Athens
9.	Supporting Structures:	TBD
10.	Participation with Other Utilities:	N/A
11.	Purpose of the Planned Transmission Line	Relocate to the new Lemaster station.
12.	Consequences of Line Construction Deferment or Termination:	Will not be energized as Poston station will be retired and Lemaster will replace it.
13.	Miscellaneous	

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

1.	Line Name and Number:	Lick - Ross 69 kV
2.	Points of Origin and Termination:	Lick/Ross; Intermediate Station - Ironman, Heppner, Pine Ridge, Ginger, Vigo
3.	Right-Of-Way:	37.6 miles/100 ft/1 ckt
4.	Voltage:	138kV / 69kV
5.	Application For Certificate:	Y
6.	Construction:	To be completed approx 9/28/2021
7.	Capital Investment:	\$50M
8.	Planned Substations:	Name - Ironman, Heppner; Voltage - 69 kV; Acreage - Approx 6 acres for Ironman, 1 acre for Heppner;
9.	Supporting Structures:	TBD
10.	Participation with Other Utilities:	N/A
11.	Purpose of the Planned Transmission Line	Existing line serves several distribution substations
12.	Consequences of Line Construction Deferment or Termination:	Increase risk of equipment failures
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
Brice	138/13	D	2019	Brice-Astor & Shannon-Groves-Brice	Proposed	3
Buell	138/12	D	2019-20	South Caldwell - Devola 138	Proposed	3
Dilles Bottom (expansion of existing)	138/12	D	2019-20	George Washington -Dilles Bottom 138kV, Dilles Bottom - Holloway 138kV	Proposed	4
Glencoe (expansion of existing)	138/69	T	2019	West Bellaire - Glencoe 138kV	Proposed	4
Highland Ridge Switch	138	T	2020	Macksburg - Highland Ridge Switch 138 kV	Proposed	Approx 0.2 acres
Lemaster	138/12	D	Estimated 6/1/2018	Poston - Ross 138 kV; Poston - Harrison 138 kV; Poston - Hocking 138 kV; Crooksville - Poston - Strouds Run 138 kV; Corwin - Elk - Poston 138 kV; Dexter - Elliot - Poston 138 kV	Existing	Approx 10 acres
Levee	138/12	D	2018	Mill Creek-Belmont 138kV tie-line (formerly Mill Creek-Willow Island 138kV)	Existing	3
Macksburg	138/12	D	2018-19	South Caldwell - Devola 138	Proposed	3
Mink	138/34.5	D	2019	East Broad Street - Kirk #1	Proposed	3.5
Reaver	138/13	D	2019	Gay Street - McComb,	Proposed	3
Sardinia	138/12	D	estimated 2021	Wild Cat - Kenton 138kV, Adams-Seaman -Sardinia 69kV line	Existing	expand <1 acre
South Olive Switch	138	T	2018	South Caldwell - Macksburg 138 kV	Proposed	Approx 0.2 acres

AEP OHIO LTFR
DISTRIBUTION FORMS
Case No. 18-501-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 (a)	(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	2013	14,819,061	14,344,853	16,019,210	0	124,762	593,178	44,714,709	3,529,116	48,243,825
-4	2014	14,975,148	14,589,036	14,655,011	0	122,686	641,497	43,700,384	3,481,598	47,181,982
-3	2015	14,394,455	14,643,189	14,755,265	0	119,704	494,523	43,418,090	3,124,126	46,542,215
-2	2016	14,533,266	14,908,841	14,377,483	0	122,651	548,833	43,393,408	3,293,149	46,686,557
-1	2017	13,747,172	14,547,501	14,821,123	0	118,964	519,595	42,715,165	3,270,245	45,985,410
0	2018	13,978,279	14,558,691	14,777,168	0	121,685	241,026	43,194,797	3,120,421	46,315,217
1	2019	13,982,935	14,654,242	14,878,232	0	121,952	363,175	43,274,186	3,092,541	46,366,727
2	2020	13,941,171	14,708,074	14,842,964	0	122,053	493,258	43,121,004	3,123,683	46,244,688
3	2021	13,930,830	14,722,969	14,873,854	0	122,136	505,198	43,144,591	3,095,689	46,240,280
4	2022	13,924,737	14,742,959	14,915,924	0	122,182	599,287	43,106,516	3,118,007	46,224,522
5	2023	13,937,320	14,791,380	15,063,537	0	122,277	677,870	43,236,644	3,126,764	46,363,409
6	2024	13,963,494	14,841,825	15,128,083	0	122,385	742,498	43,313,288	3,123,076	46,436,364
7	2025	13,997,163	14,888,530	15,136,340	0	122,500	810,486	43,334,047	3,098,577	46,432,624
8	2026	14,015,279	14,928,176	15,131,940	0	122,561	873,250	43,324,706	3,118,672	46,443,378
9	2027	14,048,411	14,998,351	15,164,886	0	122,659	921,872	43,412,435	3,114,829	46,527,265
10	2028	14,077,517	15,058,489	15,222,359	0	122,697	947,904	43,533,157	3,170,426	46,703,583

(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	2013	14,486,431	14,187,874	15,915,643	0	124,762	44,714,709	3,529,116	48,243,825
-4	2014	14,636,804	14,399,890	14,541,005	0	122,686	43,700,384	3,481,598	47,181,982
-3	2015	14,173,918	14,471,376	14,653,092	0	119,704	43,418,090	3,124,126	46,542,215
-2	2016	14,314,363	14,671,914	14,284,480	0	122,651	43,393,408	3,293,149	46,686,557
-1	2017	13,538,863	14,386,785	14,670,553	0	118,964	42,715,165	3,270,245	45,985,410
0	2018	13,918,429	14,529,403	14,625,280	0	121,685	43,194,797	3,120,421	46,315,217
1	2019	13,858,783	14,621,288	14,672,163	0	121,952	43,274,186	3,092,541	46,366,727
2	2020	13,726,519	14,675,519	14,596,914	0	122,053	43,121,004	3,123,683	46,244,688
3	2021	13,721,431	14,692,207	14,608,817	0	122,136	43,144,591	3,095,689	46,240,280
4	2022	13,647,748	14,697,099	14,639,487	0	122,182	43,106,516	3,118,007	46,224,522
5	2023	13,600,428	14,732,061	14,781,877	0	122,277	43,236,644	3,126,764	46,363,409
6	2024	13,574,478	14,771,031	14,845,394	0	122,385	43,313,288	3,123,076	46,436,364
7	2025	13,563,730	14,808,203	14,839,615	0	122,500	43,334,047	3,098,577	46,432,624
8	2026	13,544,549	14,840,082	14,817,514	0	122,561	43,324,706	3,118,672	46,443,378
9	2027	13,546,968	14,907,195	14,835,613	0	122,659	43,412,435	3,114,829	46,527,265
10	2028	13,558,215	14,965,394	14,886,851	0	122,697	43,533,157	3,170,426	46,703,583

(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	2013								
-4	2014								
-3	2015								
-2	2016								
-1	2017								
0	2018								
1	2019								
2	2020								
3	2021								
4	2022								
5	2023								
6	2024								
7	2025								
8	2026								
9	2027								
10	2028								

(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>	Native Load			Internal Load		
		<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	2013	9,071	94	8,977	7,905	94	9,004
-4	2014	8,108	82	8,026	7,558	82	8,173
-3	2015	8,485	62	8,423	7,414	62	8,423
-2	2016	8,685	70	8,616	7,421	70	8,616
-1	2017	8,349	108	8,241	7,331	108	8,241
0	2018	8,649	39	8,610	7,333	39	8,610
1	2019	8,682	56	8,626	7,314	56	8,626
2	2020	8,692	73	8,619	7,334	73	8,619
3	2021	8,698	89	8,609	7,327	89	8,609
4	2022	8,718	108	8,610	7,336	108	8,610
5	2023	8,754	126	8,628	7,335	126	8,628
6	2024	8,782	140	8,642	7,329	140	8,642
7	2025	8,805	155	8,650	7,324	155	8,650
8	2026	8,830	167	8,663	7,329	167	8,663
9	2027	8,864	177	8,687	7,351	177	8,687
10	2028	8,909	179	8,730	7,381	179	8,730

(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	2013	9,358	7,921	9,385	8,082
-4	2014	8,026	7,558	8,173	7,717
-3	2015	8,423	7,414	8,423	7,414
-2	2016	8,616	7,421	8,616	7,421
-1	2017	8,241	7,331	8,241	7,331
0	2018	8,610	7,333	8,610	7,333
1	2019	8,626	7,314	8,626	7,314
2	2020	8,619	7,334	8,619	7,334
3	2021	8,609	7,327	8,609	7,327
4	2022	8,610	7,336	8,610	7,336
5	2023	8,628	7,335	8,628	7,335
6	2024	8,642	7,329	8,642	7,329
7	2025	8,650	7,324	8,650	7,324
8	2026	8,663	7,329	8,663	7,329
9	2027	8,687	7,351	8,687	7,351
10	2028	8,730	7,381	8,730	7,381

(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	2013				
-4	2014				
-3	2015				
-2	2016				
-1	2017				
0	2018				
1	2019				
2	2020				
3	2021				
4	2022				
5	2023				
6	2024				
7	2025				
8	2026				
9	2027				
10	2028				

(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	4,367,006	4,367,006	
February	3,867,430	3,867,430	
March	3,888,081	3,888,081	
April	3,475,217	3,475,217	
May	3,549,365	3,549,365	
June	3,938,924	3,938,924	
July	4,289,667	4,289,667	
August	4,199,709	4,199,709	
September	3,638,365	3,638,365	
October	3,543,019	3,543,019	
November	3,552,304	3,552,304	
December	4,006,129	4,006,129	
Year 1			
January	4,372,177	4,372,177	
February	3,872,217	3,872,217	
March	3,875,991	3,875,991	
April	3,494,681	3,494,681	
May	3,554,962	3,554,962	
June	3,931,282	3,931,282	
July	4,313,559	4,313,559	
August	4,193,340	4,193,340	
September	3,659,364	3,659,364	
October	3,543,916	3,543,916	
November	3,543,662	3,543,662	
December	4,011,575	4,011,575	

(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	7,158	31	7,127	7,127		7,158	31	7,127	7,127	
February	7,362	31	7,331	7,331		7,362	31	7,331	7,331	
March	6,390	31	6,358	6,358		6,390	31	6,358	6,358	
April	6,174	28	6,146	6,146		6,174	28	6,146	6,146	
May	6,821	33	6,788	6,788		6,821	33	6,788	6,788	
June	7,954	38	7,916	7,916		7,954	38	7,916	7,916	
July	8,649	39	8,610	8,610		8,649	39	8,610	8,610	
August	8,401	38	8,363	8,363		8,401	38	8,363	8,363	
September	7,896	40	7,856	7,856		7,896	40	7,856	7,856	
October	5,985	29	5,956	5,956		5,985	29	5,956	5,956	
November	5,911	28	5,882	5,882		5,911	28	5,882	5,882	
December	6,606	31	6,574	6,574		6,606	31	6,574	6,574	
Year 1										
January	7,180	50	7,130	7,130		7,180	50	7,130	7,130	
February	7,384	52	7,333	7,333		7,384	52	7,333	7,333	
March	6,412	47	6,365	6,365		6,412	47	6,365	6,365	
April	6,196	45	6,151	6,151		6,196	45	6,151	6,151	
May	6,931	48	6,883	6,883		6,931	48	6,883	6,883	
June	7,987	55	7,932	7,932		7,987	55	7,932	7,932	
July	8,682	56	8,626	8,626		8,682	56	8,626	8,626	
August	8,436	55	8,381	8,381		8,436	55	8,381	8,381	
September	7,931	58	7,873	7,873		7,931	58	7,873	7,873	
October	6,010	43	5,967	5,967		6,010	43	5,967	5,967	
November	5,924	44	5,880	5,880		5,924	44	5,880	5,880	
December	6,616	49	6,566	6,566		6,616	49	6,566	6,566	

(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. 18-501-EL-FOR**

PUCO Form FE-R1:
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												
Net Seasonal Capability												
Purchases	8,366	8,366	8,366	8,366	8,366	9,643	9,643	9,643	9,643	9,643	9,643	9,643
Sales												
Renewable												
Available Capability	8,366	8,366	8,366	8,366	8,366	9,643	9,643	9,643	9,643	9,643	9,643	9,643
Native Load	7,158	7,362	6,390	6,174	6,821	7,954	8,649	8,401	7,896	5,985	5,911	6,606
Energy Reduction Programs ^c	31	31	31	28	33	38	39	38	40	29	28	31
Available Reserve	1,239	1,035	2,008	2,220	1,578	1,727	1,033	1,280	1,788	3,687	3,761	3,069
Internal Load ^a	7,127	7,331	6,358	6,146	6,788	7,916	8,610	8,363	7,856	5,956	5,882	6,574
Reserve	1,239	1,035	2,008	2,220	1,578	1,727	1,033	1,280	1,788	3,687	3,761	3,069

	Next Calendar Year											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Net Demonstrated Capability												
Net Seasonal Capability												
Purchases	9,643	9,643	9,643	9,643	9,643	9,661	9,661	9,661	9,661	9,661	9,661	9,661
Sales												
Renewable												
Available Capability	9,643	9,643	9,643	9,643	9,643	9,661	9,661	9,661	9,661	9,661	9,661	9,661
Native Load	7,180	7,384	6,412	6,196	6,931	7,987	8,682	8,436	7,931	6,010	5,924	6,616
Energy Reduction Programs ^c	50	52	47	45	48	55	56	55	58	43	44	49
Available Reserve	2,513	2,311	3,278	3,492	2,760	1,729	1,035	1,280	1,789	3,695	3,782	3,095
Internal Load ^a	7,130	7,333	6,365	6,151	6,883	7,932	8,626	8,381	7,873	5,967	5,880	6,566
Reserve	2,513	2,311	3,278	3,492	2,760	1,729	1,035	1,280	1,789	3,695	3,782	3,095

a. Internal Load equals Native Load plus Interruptible Load.

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

c. Includes both energy efficiency and demand response

d. Under the AEP Ohio current ESP, SSO load is served with purchases

PUCO Form FE-R2:
Monthly Forecast of System Peak Load and Resources Dedicated to Meet System 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												
Available Reserve												
Internal Load ^a												
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												
Available Reserve												
Internal Load ^a												
Reserve												

a. Internal Load equals Native Load plus Interruptible Load.

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

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

PUCO Form FE-R3:
Summary of Existing Electric Generation Facilities for the System (as of 12/31/2017)

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
Fowler Ridge II		Wind			100	100	
Wyandot Solar		Solar			10	10	
Timber Road		Wind			100	100	
OVEC Entitlement		Coal			437	437	FGD/SCR

Note: All resources above are contractual entitlements.

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

PUCO Form FE-R4:
Actual Generating Capability Dedicated to Meet Ohio Peak Load (as of 12/31/2016)

		Unit Designation	Seasonal
Year/Season	Unit Name	Description	Total

Resources listed on Form R-3 are not currently designated to meet Ohio Peak Load

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

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

SEE NOTE BELOW

Note:

On December 16, 2016, AEP Ohio issued a request for proposals for projects that would generate 250 megawatts of wind energy and 100 megawatts of solar. Those proposals have been received and are currently being evaluated. AEP Ohio also has a proposal to use the OVEC entitlement to serve SSO load pending in the ESP III proceeding.

PUCO Form FE-R6:
Electric Utility's Actual and Forecast Ohio Peak 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	13,968	0	0	0	0			
Net Seasonal Capability	13,660	0	0	0	0			
Purchases ^c	472	9,154	9,645	9,534	9,563	9,643	9,661	9,559
Sales	1,378	0	0	0	0	0	0	0
Renewable								
Available Capability ^{a,c}	12,754	9,154	9,645	9,534	9,563	9,643	9,661	9,559
Native Load ^{1,2}	9,071	8,108	8,485	8,685	8,349	8,649	8,608	8,608
Energy Reduction Programs ^c	94	82	62	70	108	39	56	73
Available Reserve	3,516	1,128	1,033	1,022	1,025	1,033	1,109	1,024
Internal Load ^b	9,385	8,173	8,423	8,616	8,241	8,610	8,552	8,535
Reserve ^d	3,373	1,128	1,033	1,022	1,025	1,033	1,109	1,024
(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	

Net Demonstrated Capability								
Net Seasonal Capability								
Purchases ^c	9,642	9,643	9,663	9,679	9,688	9,702	9,729	9,777
Sales	0	0	0	0	0	0	0	0
Renewable								
Available Capability ^{a,c}	9,642	9,643	9,663	9,679	9,688	9,702	9,729	9,777
Native Load ^{1,2}	8,698	8,718	8,754	8,782	8,805	8,830	8,864	8,909
Energy Reduction Programs ^c	89	108	126	140	155	167	177	179
Available Reserve	1,033	1,033	1,035	1,037	1,038	1,040	1,042	1,048
Internal Load ^b	8,609	8,610	8,628	8,642	8,650	8,663	8,687	8,730
Reserve ^d	1,033	1,033	1,035	1,037	1,038	1,040	1,042	1,048

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

(b) Internal Load equals Native Load plus Interruptible Load

(c) Under the AEP Ohio current ESP, SSO 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:
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	27,716							
Net Seasonal Capability	27,089							
Purchases	1,194							
Sales	1,852							
Available Capability ^{a,2}	26,431							
Native Load	20,215							
Available Reserve	6,226							
Internal Load ^{b,1}	20,731							
Reserve	5,700							
	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)

Net Demonstrated Capability								
Net Seasonal Capability								
Purchases								
Sales								
Available Capability ^a								
Native Load								
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

PUCO Form FE-R8:
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	0	0	0	0	0			
Net Seasonal Capability	0	0	0	0	0			
Purchases	472	9,154	9,645	9,534	9,236	9,643	9,661	9,559
Sales	0	0	0	0	0	0	0	0
Renewable								
Available Capability ^a	472	9,154	9,645	9,534	9,236	9,643	9,661	9,559
Native Load	7,523	7,234	7,415	7,667	7,331	7,333	7,314	7,334
Energy Reduction Programs ^c	NA	NA	NA	NA	NA			
Available Reserve	(6,595)	1,920	2,230	1,966	1,905	2,311	2,347	2,225
Internal Load ^b	7,228	7,393	7,415	7,568	7,331	7,333	7,314	7,334
Reserve	3,363	2,048	2,230	1,966	1,905	2,311	2,347	2,225
	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)

Net Demonstrated Capability								
Net Seasonal Capability								
Purchases	9,642	9,643	9,663	9,679	9,688	9,702	9,729	9,777
Sales								
Renewable								
Available Capability ^a	9,642	9,643	9,663	9,679	9,688	9,702	9,729	9,777
Native Load	7,327	7,336	7,335	7,329	7,324	7,329	7,351	7,381
Energy Reduction Programs ^c								
Available Reserve	2,315	2,307	2,328	2,349	2,364	2,374	2,378	2,396
Internal Load ^b	7,327	7,336	7,335	7,329	7,324	7,329	7,351	7,381
Reserve	2,315	2,307	2,328	2,349	2,364	2,374	2,378	2,396

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

(b) Internal Load equals Native Load plus Interruptible Load

(c) Under the AEP Ohio current ESP, SSO load is served with purchases

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

*** Totals may not foot due to rounding

PUCO Form FE-R9:
Actual and Forecast System Peak Load and Resources Dedicated to Meet System Peak Load (See Note 1)
(Megawatts)
Winter Season

	(-5)	(-4)	(-3)	(-2)	(-1)	(0)	(1)	(2)
Net Demonstrated Capability								
Net Seasonal Capability								
Purchases								
Sales								
Available Capability ^a								
Native Load (Note 2)								
Available Reserve								
Internal Load ^b								
Reserve								

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

a. Available Capability is equal to Net Seasonal Capability plus Purchases minus Sales.

b. Internal Load equals Native Load plus Interruptible Load.

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

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

*** Totals may not foot due to rounding

PUCO Form FE-R10:
Specifications of Planned Electric Generation Facilities

1. Facility Name
2. Facility Location
3. Facility Type
4. Anticipated Capability
5. Anticipated Capital Cost
6. Application Timing
7. Construction Timing
8. Planned Pollution Control Measures
9. Fuel
10. Miscellaneous

SEE NOTE BELOW

Note:

On December 16, 2016, AEP Ohio issued a request for proposals for projects that would generate 250 megawatts of wind energy and 100 megawatts of solar. Those proposals have been received and are currently being evaluated. AEP Ohio also has a proposal to use the OVEC entitlement to serve SSO load pending in the ESP III proceeding.

APPENDIX

List of Libraries

ADAMS COUNTY PUBLIC LIBRARY
212 E SPARKS ST
WEST UNION OH 45693-1257

LIMA PUBLIC LIBRARY
650 W MARKET ST
LIMA OH 45801-4678

ASHLAND CO PUBLIC LIBRARY
224 CLAREMONT AVE
ASHLAND OH 44805-3093

ATHENS CO PUBLIC LIBRARY
95 W WASHINGTON
NELSONVILLE OH 45764-1134

AUGLAIZE CO PUBLIC LIBRARY
203 S PERRY ST
WAPAKONETA OH 45895-1999

ST CLAIRSVILLE PUBLIC LIBRARY
108 W MAIN ST
ST CLAIRSVILLE OH 43950-1225

BROWN COUNTY PUBLIC LIBRARY
613 S HIGH ST
P O BOX 527
MT ORAB OH 45154

CARROLL CO DISTRICT LIBRARY
70 SECOND ST NE
CARROLLTON OH 44615-1326

CARNEGIE PUBLIC LIBRARY
219 E FOURTH ST
EAST LIVERPOOL OH 43920-3143

COSHOCTON PUBLIC LIBRARY
655 MAIN ST
COSHOCTON OH 43812-1697

BUCYRUS PUBLIC LIBRARY
200 E MANSFIELD ST
BUCYRUS OH 44820-2381

GREENVILLE PUBLIC LIBRARY
520 SYCAMORE ST
GREENVILLE OH 45331-1438

DEFIANCE PUBLIC LIBRARY
320 FORT ST
DEFIANCE OH 43512-2186

DELAWARE COUNTY LIBRARY
84 E WINTER ST
DELAWARE OH 43015-1941

FAIRFIELD CO DISTRICT LIBRARY
219 N BROAD ST
LANCASTER OH 43130-3098

CARNEGIE PUBLIC LIBRARY
127 S NORTH ST
WASHINGTON CH OH 43160-2283

COLUMBUS METRO LIBRARY
96 S GRANT AVE
COLUMBUS OH 43215-4702

DR SAMUEL L BOSSARD MEMORIAL
LIBRARY
7 SPRUCE ST
GALLIPOLIS OH 45631-1220

GUERNSEY CO PUBLIC LIBRARY
800 STEUBENVILLE AVE
CAMBRIDGE OH 43725-8590

FINDLAY HANCOCK COUNTY
PUBLIC DISTRICT LIBRARY
206 BROADWAY ST
FINDLAY OH 45840-3382

MARY LOU JOHNSON-HARDIN CO
DISTRICT PUBLIC LIBRARY
325 E COLUMBUS ST
KENTON OH 44326-1546

PUSKARICH PUBLIC LIBRARY
200 E MARKET ST
CADIZ OH 43907-1185

PATRICK HENRY SCHOOL DISTRICT
PUBLIC LIBRARY
208 N EAST AVE
DESHLER OH 43516-1280

HIGHLAND CO DISTRICT LIBRARY
10 WILLETTTSVILLE PIKE
HILLSBORO OH 45133-8524

LOGAN-HOCKING CO LIBRARY
230 E MAIN ST
LOGAN OH 43138-1356

HOLMES CO PUBLIC LIBRARY
3102 GLEN DR
MILLERSBURG OH 44654-1397

HURON CO COMMUNITY LIBRARY
6 W EMERALD ST
WILLARD OH 44890-1610

JACKSON CITY LIBRARY
21 BROADWAY ST
JACKSON OH 45640-1610

PUBLIC LIBRARY OF
STEUBENVILLE & JEFFERSON CO
407 S 4TH ST
STEUBENVILLE OH 43952-2942

PUBLIC LIBRARY OF MT VERNON &
KNOX CO
201 N MULBERRY ST
MT VERNON OH 43050-2413

BRIGGS LAWRENCE COUNTY
PUBLIC LIBRARY
321 S 4th ST
IRONTON OH 45638-1613

LICKING COUNTY LIBRARY
101 W MAIN ST
NEWARK OH 43055-5054

KNOWLTON LIBRARY
220 N MAIN ST
BELLEFONTAINE OH 43311-2228

HURT/BATTELLE MEM LIBRARY
270 LILLY CHAPEL RD
WEST JEFFERSON OH 43162-1202

MARION PUBLIC LIBRARY
445 E CHURCH ST
MARION OH 43302-4290

MEIGS CO DISTRICT LIBRARY
216 W MAIN ST
POMEROY OH 45769-1032

MONROE CO DISTRICT LIBRARY
96 HOME AVE
WOODSVILLE OH 43793-1232

KATE LOVE-SIMPSON MORGAN
COUNTY LIBRARY
358 E MAIN ST
MCCONNELSVILLE OH 43756-1130

MT GILEAD FREE PUBLIC LIBRARY
41 E HIGH ST
MT GILEAD OH 43338-1429

MUSKINGUM CO LIBRARY SYSTEM
220 N FIFTH ST
ZANESVILLE OH 43701-2508

CALDWELL PUBLIC LIBRARY
517 SPRUCE ST
CALDWELL OH 43724-1289

PAULDING CO CARNEGIE LIBRARY
205 S MAIN ST
PAULDING OH 45879-1492

PERRY CO DISTRICT LIBRARY
117 S JACKSON ST
NEW LEXINGTON OH 43764-1368

PICKAWAY CO PUBLIC LIBRARY
1160 N COURT ST
CIRCLEVILLE OH 43113-1304

GARNET A WILSON PUBLIC
LIBRARY OF PIKE COUNTY
207 N MARKET ST
WAVERLY OH 45690-1138

PUTNAM CO DISTRICT LIBRARY
136 PUTNAM PARKWAY
OTTAWA OH 45875

MANSFIELD-RICHLAND CO LIBRARY
43 W THIRD ST
MANSFIELD OH 44902-1218

CHILLICOTHE AND ROSS COUNTY
PUBLIC LIBRARY
140 S PAINT ST
P O BOX 185
CHILLICOTHE OH 45601

BIRCHARD PUBLIC LIBRARY OF
SANDUSKY COUNTY
423 CROGHAN ST
FREMONT OH 43420-2499

PORTSMOUTH PUBLIC LIBRARY
1220 GALLIA ST
PORTSMOUTH OH 45662-4185

TIFFIN-SENECA PUBLIC LIBRARY
77 JEFFERSON ST
TIFFIN OH 44883-2399

STARK COUNTY DISTRICT LIBRARY
715 MARKET AVE N
CANTON OH 44702-1018

AKRON-SUMMIT PUBLIC LIBRARY
60 S HIGH ST
AKRON OH 44326

TUSCARAWAS CO PUBLIC LIBRARY
121 FAIR AVE NW
NEW PHILADELPHIA OH 44663

MARYSVILLE PUBLIC LIBRARY
231 S PLUM ST
MARYSVILLE OH 43040-1596

BRUMBACK LIBRARY
215 W MAIN ST
VAN WERT OH 45891-1695

HERBERT WESCOAT MEM LIBRARY
120 N MARKET ST
MCARTHUR OH 45651-1297

WASHINGTON CO PUBLIC LIBRARY
615 FIFTH ST
MARIETTA OH 45750-1973

WAYNE CO PUBLIC LIBRARY
220 W LIBERTY ST
WOOSTER OH 44691-3514

WOOD COUNTY PUBLIC LIBRARY
251 N MAIN ST
BOWLING GREEN OH 43402-2477

UPPER SANDUSKY COMM LIBRARY
301 N SANDUSKY AVE
UPPER SANDUSKY OH 43351-1139

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in

Case No(s). 18-0501-EL-FOR

Summary: Report - 2018 Long-Term Forecast Report on behalf of AEP Ohio (or Ohio Power), pursuant to Section 4935.04, Ohio Revised Code electronically filed by Mr. Steven T Nourse on behalf of Ohio Power Company