



Legal Department

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

April 15, 2013

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

Matthew J. Satterwhite
Senior Counsel –
Regulatory Services
(614) 716-1915 (P)
(614) 716-2014 (F)
mjsatterwhite@aep.com

RE: *In the Matter of the Long-Term Forecast Report of AEP Ohio Transmission Company, Inc. and Related Matters*, Case No. 13-1501-EL-FOR.

Dear Ms. McNeal:

I am submitting the enclosed 2013 Long-Term Forecast Report (LTFR) on behalf of AEP Ohio Transmission Company, Inc., pursuant to Section 4935.04, Ohio Revised Code. I have sent a copy of AEP Ohio Transmission Company, Inc.'s 2013 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/ Matthew J. Satterwhite
Matthew J. Satterwhite

AEP OHIO TRANSMISSION COMPANY, INC.

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

Case No. 13-1501-EL-FOR

**2013
ELECTRIC**

Case No. 13-1501-EL-FOR

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

Submitted by

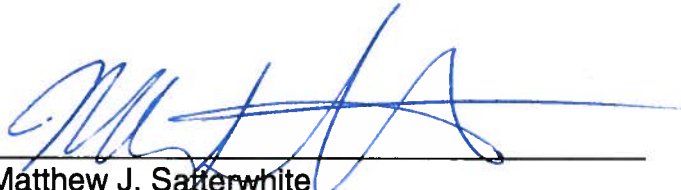
**AEP Ohio Transmission Company, Inc.
700 Morrison Road
Gahanna, Ohio 43230
Telephone: (614) 716-1000**

April 15, 2013

CERTIFICATE OF SERVICE

I hereby certify that:

1. Pursuant to Section 4901:5-1-03(F), Ohio Administrative Code, copies of AEP Ohio Transmission Company, Inc.'s 2013 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 Transmission Company, Inc.'s 2013 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 Transmission Company, Inc. will keep at least one copy of their 2013 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 Transmission Company, Inc. will provide a copy of their 2013 Long-Term Forecast Report to any person upon request at a cost to cover the expenses incurred.



Matthew J. Satterwhite
American Electric Power Service Corporation
1 Riverside Plaza
Columbus, Ohio 43215
(614) 716-1915
Attorney for AEP Ohio Transmission Company, Inc.

April 15, 2013
Dated this day in Columbus, Ohio

OH Transco 2013

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

**AEP Ohio Transmission Company, Inc.'s 2013 Long-Term Forecast Report
is true and correct to the best of my knowledge and belief.**

A handwritten signature in black ink, appearing to read 'E. Wilcox', is positioned above a horizontal line.

**E. Wilcox
Director – AEP East Transmission Planning
AEP Ohio Transmission Company, Inc.**

**April 15, 2013
Dated this day in Columbus, Ohio**

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

Transmission Name & Line No. ^[1]	Point of (Origin - Terminus) Indicate Location of Line's Beginning and Terminus	Summer Capability		Winter Capability		Operating Voltage (kV)	Design Voltage (kV)	Right-of-Way		Type of Supporting Structure	Number of Circuits		Substations on the Line
		Normal Rating	Emergency Rating	Normal Rating	Emergency Rating			Length (Miles)	Width Max./Min. (feet)		Design	Installed	
List Each Transmission Line of 125 kV or More						Indicate Design Voltage and Operating Voltage For Each Line				Steel Towers, Wood Poles or Underground, etc. and Number of Miles of the Line of Each Structure			Substation Name
17718	East Leipsic - Yellow Creek	296	384	375	458	138	138	0.41	100/100	Steel - 1 pole	1	1	
621	Kenny - Roberts	213	282	221	328	138	138	4.41	100/100	Steel - 1 pole	1	1	
17138	Roberts - West Campus	323	409	323	409	138	138	5.54	100/100	Steel - 1 pole	1	1	

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

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

SHEET 1 OF 1

Substation Name	Type (D) Transmission (T)	Voltage(s) (kV)	Line Association (FE3-T7 or FE3-T9 Notation)	Notation	Line Existing or Proposed
GOOD HOPE SW	T	138	Harrison (Csp) - Poston	634	E
MADDOX CREEK	T	345	Blue Creek - Maddox Creek	16797	E
S BLOOMINGVIL SW-TRA	T	138	Poston - Ross	2256	E
TIMBER SW	T	138	Haviland - Timber Switch	16677	E
TIMBER SW	T	138	Timber Road No. 2 - Timber Switch	16817	E
WARE ROAD	T	138	Adams - Seaman - Ware Road	18298	E
WARE ROAD	T	138	Ware Road - Waverly	18299	E
YELLOW CREEK	T	138	East Leipsic - Yellow Creek	17718	E

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

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

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

1.	LINE NAME AND NUMBER:	Biers Run-Hopetown	Hopetown-Delano
2.	POINTS OF ORIGIN AND TERMINATION:	Proposed Biers Run station Proposed Hopetown Station	Proposed Hopetown Station Delano
3.	RIGHT-OF-WAY:		
	LENGTH/WIDTH/CIRCUITS -	5.5 miles / 100 ft / Biers Run-Hopetown	5.5 miles / 100 ft / Hopetown-Delano
4.	VOLTAGE:		
	DESIGN/OPERATE	138 kV / 138 kV	138 kV / 138 kV
5.	APPLICATION FOR CERTIFICATE:	To be filed in 2013-2014	To be filed in 2013-2014
6.	CONSTRUCTION:	To be completed approx. 2016	To be completed approx. 2016
7.	CAPITAL INVESTMENT:	Approx. \$5.5 million	Approx. \$5.5 million
8.	NAME -		
	TRANS. VOLTAGE -		
	ACREAGE -		
	LOCATION -		
9.	SUPPORTING STRUCTURES:	Overhead	Overhead
10.	PARTICIPATION WITH OTHER UTILITIES:	None	None
11.	PURPOSE OF THE PLANNED TRANSMISSION LINE:	Area reliability/serve increased area capacity.	Area reliability/serve increased area capacity.
12.	CONSEQUENCES OF LINE CONSTRUCTION DEFERMENT OR TERMINATION:	Reduced area reliability	Reduced area reliability
13.	MISCELLANEOUS:		

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

1.	LINE NAME AND NUMBER:	Biers Run-Circleville	Hillsboro-Highland
2.	POINTS OF ORIGIN AND TERMINATION:	Proposed Biers Run station Circleville	Hillsboro Highland
3.	RIGHT-OF-WAY:		
	LENGTH/WIDTH/CIRCUITS -	23.5 miles / 100 ft / Biers Run-Circleville	7.5 miles / 100 ft / Hillsboro-Highland
4.	VOLTAGE:		
	DESIGN/OPERATE	138 kV / 138 kV	138 kV / 138 kV
5.	APPLICATION FOR CERTIFICATE:	To be filed in 2013-2014	To be filed in 2013-2014
6.	CONSTRUCTION:	To be completed approx. 2017	To be completed approx. 2014
7.	CAPITAL INVESTMENT:	Approx. \$24 million	Approx. \$8 million
8.	NAME -		
	TRANS. VOLTAGE -		
	ACREAGE -		
	LOCATION -		
9.	SUPPORTING STRUCTURES:	Overhead	Overhead
10.	PARTICIPATION WITH OTHER UTILITIES:	None	None
11.	PURPOSE OF THE PLANNED TRANSMISSION LINE:	Area reliability/serve increased area capacity.	Area reliability/serve increased area capacity.
12.	CONSEQUENCES OF LINE CONSTRUCTION DEFERMENT OR TERMINATION:	Reduced area reliability	Reduced area reliability
13.	MISCELLANEOUS:		

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

1.	LINE NAME AND NUMBER:	Highland-Seaman	Harrison-Circleville #1
2.	POINTS OF ORIGIN AND TERMINATION:	Highland Seaman	Harrison Circleville
3.	RIGHT-OF-WAY:		
	LENGTH/WIDTH/CIRCUITS -	16.5 miles / 100 ft / Hillsboro-Highland	15.2 miles / 100 ft / Harrison-Circleville
4.	VOLTAGE:		
	DESIGN/OPERATE	138 kV / 138 kV	138 kV / 138 kV
5.	APPLICATION FOR CERTIFICATE:	To be filed in 2013-2014	To be filed in 2014-2015
6.	CONSTRUCTION:	To be completed approx. 2015	To be completed approx. 2017
7.	CAPITAL INVESTMENT:	Approx. \$8 million	Approx. \$16 million
8.	PLANNED SUBSTATIONS:		
	NAME -	New Market Switch	
	TRANS. VOLTAGE -	138 kV	
	ACREAGE -	Approx. 1/4 acre	
	LOCATION	Highland County	
9.	SUPPORTING STRUCTURES:	Overhead	Overhead
10.	PARTICIPATION WITH OTHER UTILITIES:	None	None
11.	PURPOSE OF THE PLANNED TRANSMISSION LINE:	Area reliability/serve increased area capacity.	Area reliability/serve increased area capacity.
12.	CONSEQUENCES OF LINE CONSTRUCTION DEFERMENT OR TERMINATION:	Reduced area reliability	Reduced area reliability
13.	MISCELLANEOUS:		

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

1.	LINE NAME AND NUMBER:	Harrison-Circleville #2	Delano-Kenworth
2.	POINTS OF ORIGIN AND TERMINATION:	Harrison Circleville	Delano Kenworth
3.	RIGHT-OF-WAY:		
	LENGTH/WIDTH/CIRCUITS -	15.2 miles / 100 ft / Harrison-Circleville	0.3 miles / 100 ft / Delano-Kenworth
4.	VOLTAGE:		
	DESIGN/OPERATE	138 kV / 138 kV	138 kV / 138 kV
5.	APPLICATION FOR CERTIFICATE:	To be filed in 2014-2015	To be filed in 2014-2015
6.	CONSTRUCTION:	To be completed approx. 2017	To be completed approx. 2015
7.	CAPITAL INVESTMENT:	Approx. \$16 million	Approx. \$2 million
8.	PLANNED SUBSTATIONS:		
	NAME -		
	TRANS. VOLTAGE -		
	ACREAGE -		
	LOCATION		
9.	SUPPORTING STRUCTURES:	Overhead	Overhead
10.	PARTICIPATION WITH OTHER UTILITIES:	None	None
11.	PURPOSE OF THE PLANNED TRANSMISSION LINE:	Area reliability/serve increased area capacity.	Area reliability/serve increased area capacity.
12.	CONSEQUENCES OF LINE CONSTRUCTION DEFERMENT OR TERMINATION:	Reduced area reliability	Reduced area reliability
13.	MISCELLANEOUS:		

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

1.	LINE NAME AND NUMBER:	Ross-Kenworth	Bixby - Ohio Central
2.	POINTS OF ORIGIN AND TERMINATION:	Ross Kenworth	Bixby Ohio Central
3.	RIGHT-OF-WAY:		
	LENGTH/WIDTH/CIRCUITS -	4.4 miles / 100 ft / Delano-Kenworth	2 miles / 100 ft / Bixby - Ohio Central
4.	VOLTAGE:		
	DESIGN/OPERATE	138 kV / 138 kV	345 kV / 345 kV
5.	APPLICATION FOR CERTIFICATE:	To be filed in 2014-2015	To be filed in 2014-2015
6.	CONSTRUCTION:	To be completed approx. 2015	To be filed in 2014-2015
7.	CAPITAL INVESTMENT:	Approx. \$5 million	Approx. \$5 million
8.	NAME -		
	TRANS. VOLTAGE -		
	ACREAGE -		
	LOCATION -		
9.	SUPPORTING STRUCTURES:	Overhead	Overhead
10.	PARTICIPATION WITH OTHER UTILITIES:	None	None
11.	PURPOSE OF THE PLANNED TRANSMISSION LINE:	Area reliability/serve increased area capacity.	Support overloads in the Southeastern area due to AEP / ATSI 2015 generation retirements.
12.	CONSEQUENCES OF LINE CONSTRUCTION DEFERMENT OR TERMINATION:	Reduced area reliability	Reduced area reliability
13.	MISCELLANEOUS:		

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

1.	LINE NAME AND NUMBER:	Conesville - Ohio Central	North Bellville - Ohio Central
2.	POINTS OF ORIGIN AND TERMINATION:	Conesville Ohio Central	North Bellville Ohio Central
3.	RIGHT-OF-WAY:		
	LENGTH/WIDTH/CIRCUITS -	2 miles / 150 ft / Conesville - Ohio Central	2 miles / 100 ft / North Bellville - Ohio Central
4.	VOLTAGE:		
	DESIGN/OPERATE	345 kV / 345 kV	138 kV / 138 kV
5.	APPLICATION FOR CERTIFICATE:	To be filed in 2014-2015	To be filed in 2014-2015
6.	CONSTRUCTION:	To be filed in 2014-2015	To be filed in 2014-2015
7.	CAPITAL INVESTMENT:	Approx. \$5 million	Approx. \$1.5 million
8.	NAME -	Overhead	
	TRANS. VOLTAGE -		
	ACREAGE -		
	LOCATION -		
9.	SUPPORTING STRUCTURES:	Overhead	Overhead
10.	PARTICIPATION WITH OTHER UTILITIES:	None	None
11.	PURPOSE OF THE PLANNED TRANSMISSION LINE:	Support overloads in the Southeastern area due to AEP / ATSI 2015 generation retirements.	Support overloads in the Southeastern area due to AEP / ATSI 2015 generation retirements.
12.	CONSEQUENCES OF LINE CONSTRUCTION DEFERMENT OR TERMINATION:	Reduced area reliability	Reduced area reliability
13.	MISCELLANEOUS:		

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

1.	LINE NAME AND NUMBER:	Philo Sw - Ohio Central	Philo Sw - North Muskingum
2.	POINTS OF ORIGIN AND TERMINATION:	Philo Sw Ohio Central	Philo Sw North Muskingum
3.	RIGHT-OF-WAY:		
	LENGTH/WIDTH/CIRCUITS -	2 miles / 100 ft / Philo Sw - Ohio Central	0.5 miles / 100 ft / Philo Sw - North Muskingum
4.	VOLTAGE:		
	DESIGN/OPERATE	138 kV / 138 kV	138 kV / 138 kV
5.	APPLICATION FOR CERTIFICATE:	To be filed in 2014-2015	To be filed in 2015-2016
6.	CONSTRUCTION:	To be filed in 2014-2015	To be filed in 2015-2016
7.	CAPITAL INVESTMENT:	Approx. \$1.5 million	Approx. \$1.05 million
8.	PLANNED SUBSTATIONS:		
	NAME -		
	TRANS. VOLTAGE -		
	ACREAGE -		
	LOCATION		
9.	SUPPORTING STRUCTURES:	Overhead	Overhead
10.	PARTICIPATION WITH OTHER UTILITIES:	None	None
11.	PURPOSE OF THE PLANNED TRANSMISSION LINE:	Support overloads in the Southeastern area due to AEP / ATSI 2015 generation retirements.	PJM identified voltage deviations in 2017 for the Muskingum Area.
12.	CONSEQUENCES OF LINE CONSTRUCTION DEFERMENT OR TERMINATION:	Reduced area reliability	Reduced area reliability
13.	MISCELLANEOUS:		

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

1.	LINE NAME AND NUMBER:	Philo Sw - Crooksville	West Bellaire-Brues 138kV #2
2.	POINTS OF ORIGIN AND TERMINATION:	Philo Sw Crooksville	West Bellaire & Brues stations
3.	RIGHT-OF-WAY:		4.7 miles/ 100' R/W Width
	LENGTH/WIDTH/CIRCUITS -	0.5 miles / 100 ft / Philo Sw. - Crooksville	
4.	VOLTAGE:		138/138
	DESIGN/OPERATE	138 kV / 138 kV	
5.	APPLICATION FOR CERTIFICATE:	To be filed in 2015-2016	None required, construction on vacant tower position
6.	CONSTRUCTION:	To be filed in 2015-2016	Oct-13
7.	CAPITAL INVESTMENT:	Approx. \$1.05 million	\$4M
8.	PLANNED SUBSTATIONS:	None	None
	NAME -		
	TRANS. VOLTAGE -		
	ACREAGE -		
	LOCATION		
9.	SUPPORTING STRUCTURES:	Overhead	Double Circuit Lattice Steel Towers
10.	PARTICIPATION WITH OTHER UTILITIES:	None	None
11.	PURPOSE OF THE PLANNED TRANSMISSION LINE:	PJM identified voltage deviations in 2017 for the Muskingam Area.	Address Reliability Concerns identified by PJM
12.	CONSEQUENCES OF LINE CONSTRUCTION DEFERMENT OR TERMINATION:	Reduced area reliability	Reliability of Area is jeopardized
13.	MISCELLANEOUS:		

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

1.	LINE NAME AND NUMBER:	Amlin - Hyatt	Jug - Kirk
2.	POINTS OF ORIGIN AND TERMINATION:	Hyatt Amlin	Jug Kirk
3.	RIGHT-OF-WAY:		
	LENGTH/WIDTH/CIRCUITS -	11.43 miles, 150 feet	12 miles, 150 feet
4.	VOLTAGE:		
	DESIGN/OPERATE	345kV / 138kV	345kV / 138 kV
5.	APPLICATION FOR CERTIFICATE:	Not required - utilizing vacant tower position on the Hayden - Hyatt 345 kV tower	Not required - double circuit a portion of the Bixby - Corridor 345 kV line to include the Jug - Kirk 138 kV circuit
6.	CONSTRUCTION:	Completed 6/1/14	Completed 12/1/14
7.	CAPITAL INVESTMENT:	Approx. \$5 million	Approx. \$35 million
8.	NAME -		
	TRANS. VOLTAGE -		
	ACREAGE -		
	LOCATION -		
9.	SUPPORTING STRUCTURES:	Overhead	Overhead
10.	PARTICIPATION WITH OTHER UTILITIES:	None	Currently a CCD line. AEP is driving this project.
11.	PURPOSE OF THE PLANNED TRANSMISSION LINE:	Customer Service	Customer Service
12.	CONSEQUENCES OF LINE CONSTRUCTION DEFERMENT OR TERMINATION:	Unable to provide customers with desired connection	Unable to provide customers with desired connection
13.	MISCELLANEOUS:		

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

1.	LINE NAME AND NUMBER:	Melmore - Tiffin Center 138 kV	Fostoria Central - East Lima 138 kV
2.	POINTS OF ORIGIN AND TERMINATION:	Melmore and Tiffin Center	Fostoria Central - Ebersole
		Greenlawn	Ebersole
3.	RIGHT-OF-WAY:	100 Feet Standard ROW	100 Feet Standard ROW
	LENGTH/WIDTH/CIRCUITS -		
4.	VOLTAGE:	138 kV	138 kV
	DESIGN/OPERATE		
5.	APPLICATION FOR CERTIFICATE:	To be filed in 2013	To be filed in 2013
6.	CONSTRUCTION:	2014	2014
7.	CAPITAL INVESTMENT:	Approx. \$5 million	Approx. \$6 million
8.			
	NAME -		
	TRANS. VOLTAGE -		
	ACREAGE -		
	LOCATION -		
9.	SUPPORTING STRUCTURES:	Overhead	Overhead
10.	PARTICIPATION WITH OTHER UTILITIES:	None	None
11.	PURPOSE OF THE PLANNED TRANSMISSION LINE:	Reliability Improvement	Reliability Improvement
12.	CONSEQUENCES OF LINE CONSTRUCTION DEFERMENT OR TERMINATION:	Low Voltage Violations	Low Voltage Violations
13.	MISCELLANEOUS:		

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

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

PUCO FORM FE-T10
AEP OHIO TRANSMISSION COMPANY
SUMMARY OF PROPOSED SUBSTATIONS

SHEET 1 OF 1

Substation Name	Voltage(s) (kV)	Type Distribution (D) Transmission (T)	Timing*	Line Association(s)	Line Existing or Proposed	Minimum Substation Site Acreage
Biers Run	345/138/69	T	June 2015	Don Marquis-Bixby 345 kV	Existing	Approx. 15 acres
Biers Run	345/138/69	T	June 2016	Biers Run-Hopetown 138 kV	Proposed	Approx. 15 acres
Biers Run	345/138/69	T	June 2017	Biers Run-Circleville 138 kV	Proposed	Approx. 15 acres
Emerald Switch	138	T	December 2014	Hillsboro-Kenton 138 kV	Existing	Approx. ¼ acre
Firebrick	138/69	T	December 2014	Sporn-Portsmouth 138 kV	Existing	Approx. 2 acres
Hopetown	138/12	D	June 2016	Biers Run-Hopetown 138 kV	Proposed	Approx. 3 acres
Hopetown	138/12	D	June 2016	Hopetown-Delano 138 kV	Proposed	Approx. 3 acres
New Market Switch	138	T	March 2015	Highland-Seaman 138 kV	Existing	Approx. ¼ acre
Kenworth	138	T	June 2015	Delano-Kenworth 138 kV	Existing	Approx. 3 acres
Kenworth	138	T	June 2015	Ross-Kenworth 138 kV	Proposed	Approx. 3 acres
Steamtown	138/12	T	August 2013	Muskingum River - Summerfield 138 kV	Existing	Approx. 4.5 acres
Melmore	138	T	June 2015	Melmore - Fremont Center	Proposed	Approx. 5.0 acres
Ebersole	138	T	June 2015	East Lima - Fostorial Central	Existing	Approx. 5.0 acres
Amlin	138/12	D	June 2014	Amlin - Hyatt 138 kV	Proposed	Approx. 4 acres
Blackhawk	138/12 (operated at 69)	T	September 2013	Dillonvale-Amsterdam 69kV	Proposed	Approx 4 acres
Holloway	345	T	June 2015	Tidd-Muskingum River 345kV	Proposed	Approx 10 acres

* Estimated

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

4/15/2013 2:55:10 PM

in

Case No(s). 13-1501-EL-FOR

Summary: Report -AEP Ohio Transco 2013 LTFR electronically filed by Mr. Yazen Alami on behalf of AEP Ohio Transmission Company