



**Legal Department**

American Electric Power  
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Columbus, OH 43215  
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April 15, 2015

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  
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**RE:** *In the Matter of the Long-Term Forecast Report of Ohio Valley Electric Corporation and Related Matters, Case No. 15-500-EL-FOR.*

Dear Ms. McNeal:

I am submitting the enclosed 2015 Long-Term Forecast Report (LTFR) on behalf of Ohio Valley Electric Corporation (OVEC), pursuant to Section 4935.04, Ohio Revised Code. I have sent a copy of OVEC's 2015 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

**OHIO VALLEY ELECTRIC  
CORPORATION**

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

Case No. 15-500-EL-FOR

**2015  
ELECTRIC**

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

**Submitted by**

**OHIO VALLEY ELECTRIC CORPORATION  
P.O. Box 16631  
Columbus, Ohio 43216  
Telephone: (614) 716-2860**

**April 15, 2015**

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

**Ohio Valley Electric Corporation's 2015 Long-Term Forecast Report is true  
and correct to the best of my knowledge and belief.**



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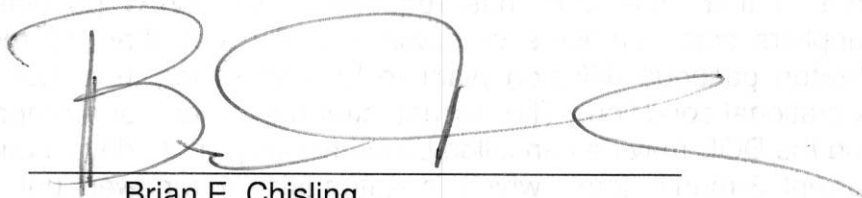
**Mark A. Peifer  
Vice President and Chief Operating Officer  
Ohio Valley Electric Corporation**

**April 15, 2015  
Dated this day in Columbus, Ohio**

## CERTIFICATE OF SERVICE

I hereby certify that:

1. Pursuant to Section 4901:5-1-03(F), Ohio Administrative Code, a copy of Ohio Valley Electric Corporation's 2015 Long-Term Forecast Report has 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 Ohio Valley Electric Corporation's 2015 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, Ohio Valley Electric Corporation will keep at least one copy of its 2015 Long-Term Forecast Report at its principal business office for public inspection during business hours; and
4. Pursuant to Section 4901:5-1-03(I), Ohio Administrative Code, Ohio Valley Electric Corporation will provide a copy of its 2015 Long-Term Forecast Report to any person upon request at a cost to cover the expenses incurred.

A handwritten signature in black ink, appearing to read 'B. Chisling', with a horizontal line drawn underneath it.

Brian E. Chisling  
Simpson Thacher & Bartlett LLP  
425 Lexington Avenue  
New York, New York 10017  
(212) 455-3075  
Attorney for  
Ohio Valley Electric Corporation

April 15, 2015

Dated this day in Columbus, Ohio

OVEC 2015

# 1. FORECAST FORMS

## NOTE:

OVEC supplies electric power to only one retail customer, the United States Department of Energy's gaseous diffusion plant located near Piketon, Ohio. Since the early 1950's, the supply of this power was governed by a contract (the OVEC/DOE Power Agreement), which specified the DOE's maximum entitlement or "contract demand" for electric power. However, on September 29, 2000, in conjunction with the United States Enrichment Corporation's publicly announced plans for ceasing enriching operations at the Piketon diffusion plant by June 2001, the DOE issued to OVEC a notice that it was terminating the OVEC/DOE Power Agreement effective no later than April 30, 2003. Part of that notice was to the effect that the DOE would no longer require any power from OVEC's generating facilities for use at the project. Thus, since May 1, 2003, under a corresponding power sales agreement among OVEC and its 12 sponsoring companies (the Inter-Company Power Agreement), the sponsoring companies are entitled to receive from OVEC, and are obligated to pay for, all power and energy produced by OVEC's generating facilities. The Inter-Company Power Agreement is a FERC-jurisdictional cost-based contract for wholesale sales of power and energy.

Since May 1, 2003, pursuant to a letter agreement dated April 29, 2003, as revised from time to time, the DOE has requested that OVEC purchase from other electricity suppliers small amounts of power (usually less than 50 megawatts) to enable the Piketon gaseous diffusion plant to be maintained in a "cold standby" or other non-operational condition. The current letter agreement for arranged power between OVEC and the DOE may be cancelled by either party on 30-days' notice at the end of the then-current 3-month term, which is automatically renewed until such termination. The attached forecast assumes that DOE will take power and energy in the same amounts as in 2014 for the years 2015 and 2016. OVEC is unable to forecast any DOE demand beyond that assumption or to predict DOE's needs outside of such period.

OVEC notes that it does not have a certified territory under Ohio law and thus is not a "electric utility" as set forth in division (A)(11) of section 4928.01 of the Revised Code. OVEC is an "electric transmission owner" as defined in division (A)(1)(a) of section 4935.04 of the Revised Code. This report and the following forms are intended to provide the Commission with all information required to be provided by OVEC as an "electric transmission owner" pursuant to the revised rules and regulations promulgated under section 4935.04 of the Revised Code.

PUCO Form FE-T1:  
Transmission Energy Delivery Forecast  
(Megawatt-Hours Per Year)<sup>a</sup>

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	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 Deliveries For Load Connected to the System	Energy Deliveries For Load Connected to the System Inside Ohio	Energy Deliveries For Load Connected to the System Outside Ohio
Year												
-5	2010	6,738,803	7,895,276	14,634,079	15,869	3,827,412	18,461,491	12,839,463	5,127,741	17,967,204	494,287	-
-4	2011	6,519,896	7,948,272	14,468,168	112,605	4,781,354	19,249,522	14,109,998	4,583,309	18,693,307	556,215	-
-3	2012	4,569,145	5,945,617	10,514,762	211,615	5,318,136	15,832,898	11,140,275	4,271,579	15,411,854	421,044	-
-2	2013	4,966,617	5,505,076	10,471,693	219,564	5,668,038	16,139,731	11,037,618	4,705,496	15,743,114	396,617	-
-1	2014	5,441,555	5,968,451	11,410,006	303,504	5,864,943	17,274,949	11,736,724	5,078,862	16,815,586	459,363	-
0	2015	.	.	.	.	.	.	.	.	.	701,815	-
1	2016	.	.	.	.	.	.	.	.	.	682,435	-
2	2017	.	.	.	.	.	.	.	.	.	397,389	-
3	2018	.	.	.	.	.	.	.	.	.	408,936	-
4	2019	.	.	.	.	.	.	.	.	.	403,162	-
5	2020	.	.	.	.	.	.	.	.	.	403,162	-
6	2021	.	.	.	.	.	.	.	.	.	404,286	-
7	2022	.	.	.	.	.	.	.	.	.	403,162	-
8	2023	.	.	.	.	.	.	.	.	.	403,162	-
9	2024	.	.	.	.	.	.	.	.	.	404,286	-
10	2025	.	.	.	.	.	.	.	.	.	403,162	-

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

PUCO Form FE-T2:  
Electric Transmission Owner's System Seasonal Peak Load Demand Forecast  
(Megawatts)<sup>a</sup>

		Native Load <sup>b</sup>		Internal Load <sup>c</sup>	
	Year	Summer	Winter	Summer	Winter <sup>d</sup>
-5	2010	76	124	76	124
-4	2011	96	113	96	113
-3	2012	107	133	107	133
-2	2013	129	160	129	160
-1	2014	133	175	133	175
0	2015	112	145	112	145
1	2016	112	145	112	145
2	2017	66	66	66	66
3	2018	66	66	66	66
4	2019	66	66	66	66
5	2020	66	66	66	66
6	2021	66	66	66	66
7	2022	66	66	66	66
8	2023	66	66	66	66
9	2024	66	66	66	66
10	2025	66	66	66	66

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 which follow the summer peak load.

e. OVEC's sole retail customer, the United States Department of Energy's gaseous diffusion plant located near Piketon, Ohio, is located solely in Ohio.



PUCO Form FE-T3:  
Electric Transmission Owner's Total Monthly Energy Forecast  
(Megawatt-Hours/Month)

	Ohio Portion <sup>a</sup>	Total Service Area <sup>b</sup>	Total System <sup>c</sup>
Year 0 <sup>d</sup>			
January	74,494 *	Same as "Ohio Portion"	
February	64,884 *		
March	60,316		
April	49,157		
May	43,702		
June	63,470		
July	55,355		
August	63,636		
September	54,919		
October	53,889		
November	59,201		
December	58,792		
Year 1 <sup>d</sup>			
January	60,440		
February	64,993		
March	54,051		
April	45,179		
May	56,148		
June	55,097		
July	55,355		
August	63,636		
September	54,919		
October	60,792		
November	53,034		
December	58,792		

- a. Electric transmission owner shall provide or cause to be provided data for the Ohio portion 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 (\*).
- e. OVEC's sole retail customer, the United States Department of Energy's gaseous diffusion plant located near Piketon, Ohio, is located solely in Ohio.

PUCO Form FE-T4:  
Electric Transmission Owner's Monthly Internal Peak Load Forecast

	Ohio Portion <sup>a</sup>	Total Service Area <sup>b</sup>	System <sup>c</sup>
Year 0 <sup>d</sup>			
January	143 *		
February	145 *		
March	105	Same as "Ohio Portion"	
April	105		
May	100		
June	100		
July	100		
August	100		
September	100		
October	100		
November	105		
December	105		
Year 1 <sup>d</sup>			
January	105		
February	105		
March	105		
April	105		
May	100		
June	100		
July	100		
August	100		
September	100		
October	100		
November	105		
December	105		

(a) Electric transmission owner shall provide or cause to be provided data for the Ohio portion 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 data for the total system in this column.

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

(e) OVEC's sole retail customer, the United States Department of Energy's gaseous diffusion plant located near Piketon, Ohio, is located solely in Ohio.

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

Part A: Sources of Energy

Reporting Month: January

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts From Power Plants Directly Connected to the Electric Transmission Owner's Transmission System	1,210,447	0	1,210,447
Energy Receipts From Other Sources	27,106	0	27,106
Total Energy Receipts	1,237,553	0	1,237,553

Reporting Month February

1. Energy Receipts from all sources by type: (MWh)

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system	1,129,317	0	1,129,317
Energy Receipts from other sources	25,477	0	25,477
Total Energy Receipts	1,154,794	0	1,154,794

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

Part A: Sources of Energy

Reporting Month March

1. Energy Receipts from all sources by type: (MWh)

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system	1,100,438	0	1,100,438
Energy Receipts from other sources	23,056	0	23,056
Total Energy Receipts	1,123,494	0	1,123,494

Reporting Month April

1. Energy Receipts from all sources by type: (MWh)

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system	676,212	0	676,212
Energy Receipts from other sources	17,732	0	17,732
Total Energy Receipts	693,944	0	693,944

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

Part A: Sources of Energy

Reporting Month May

1. Energy Receipts from all sources by type: (MWh)

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system	731,130	0	731,130
Energy Receipts from other sources	18,081	0	18,081
Total Energy Receipts	749,211	0	749,211

Reporting Month June

1. Energy Receipts from all sources by type: (MWh)

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system	1,006,732	0	1,006,732
Energy Receipts from other sources	16,938	0	16,938
Total Energy Receipts	1,023,670	0	1,023,670

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

Part A: Sources of Energy

Reporting Month July

1. Energy Receipts from all sources by type: (MWh)

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system	1,038,426	0	1,038,426
Energy Receipts from other sources	17,400	0	17,400
Total Energy Receipts	1,055,826	0	1,055,826

Reporting Month August

1. Energy Receipts from all sources by type: (MWh)

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system	961,075	0	961,075
Energy Receipts from other sources	17,540	0	17,540
Total Energy Receipts	1,055,826	0	1,055,826

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

Part A: Sources of Energy

Reporting Month September

1. Energy Receipts from all sources by type: (MWh)

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system	984,479	0	984,479
Energy Receipts from other sources	16,742	0	16,742
Total Energy Receipts	1,001,221	0	1,001,221

Reporting Month October

1. Energy Receipts from all sources by type: (MWh)

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system	640,747	0	640,747
Energy Receipts from other sources	16,656	0	16,656
Total Energy Receipts	657,403	0	657,403

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

Part A: Sources of Energy

Reporting Month November

1. Energy Receipts from all sources by type: (MWh)

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system	831,851	0	831,851
Energy Receipts from other sources	21,720	0	21,720
Total Energy Receipts	853,571	0	853,571

Reporting Month December

1. Energy Receipts from all sources by type: (MWh)

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system	1,037,355	0	1,037,355
Energy Receipts from other sources	24,190	0	24,190
Total Energy Receipts	1,061,545	0	1,061,545



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

Part B: Delivery of Energy

Reporting Month: January

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

	Firm Transmission Service	Non-Firm Transmission Services	Total
For Distribution Service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric Systems			
Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	23,849	0	23,849
For Non-Distribution Service (Transmission to Transmission Service)	1,193,413	0	1,193,413
Total Energy Deliveries	1,217,262	0	921,990

Reporting Month: January

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

	Firm Transmission Service	Non-Firm Transmission Services	Total
For Distribution Service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric Systems			
Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	23,849	0	23,849
For Non-Distribution Service (Transmission to Transmission Service)	963,543	0	963,543
Total Energy Deliveries	987,392	0	987,392

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

Part B: Delivery of Energy

Reporting Month: February

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

	Firm Transmission Service	Non-Firm Transmission Services	Total
For Distribution Service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric Systems			
Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	21,999	0	21,999
For Non-Distribution Service (Transmission	1,117,570	0	1,117,570
Total Energy Deliveries	1,139,569	0	1,139,569

Reporting Month: February

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

	Firm Transmission Service	Non-Firm Transmission Services	Total
For Distribution Service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric Systems			
Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	21,999	0	21,999
For Non-Distribution Service (Transmission	866,663	0	866,663
Total Energy Deliveries	888,662	0	888,662

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

Part B: Delivery of Energy

Reporting Month: March

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

	Firm Transmission Service	Non-Firm Transmission Services	Total
For Distribution Service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric Systems			
Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	19,203	0	19,203
For Non-Distribution Service (Transmission	1,090,609	0	1,090,609
Total Energy Deliveries	1,109,812	0	1,109,812

Reporting Month: March

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

	Firm Transmission Service	Non-Firm Transmission Services	Total
For Distribution Service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric Systems			
Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	19,203	0	19,203
For Non-Distribution Service (Transmission	885,577	0	885,577
Total Energy Deliveries	904,780	0	904,780

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

Part B: Delivery of Energy

Reporting Month: April

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

	Firm Transmission Service	Non-Firm Transmission Services	Total
For Distribution Service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric Systems			
Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	15,056	0	15,056
For Non-Distribution Service (Transmission	665,672	0	665,672
Total Energy Deliveries	680,728	0	680,728

Reporting Month: April

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

	Firm Transmission Service	Non-Firm Transmission Services	Total
For Distribution Service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric Systems			
Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	15,056	0	15,056
For Non-Distribution Service (Transmission	533,951	0	533,951
Total Energy Deliveries	549,007	0	549,007

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

Part B: Delivery of Energy

Reporting Month: May

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

	Firm Transmission Service	Non-Firm Transmission Services	Total
For Distribution Service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric Systems			
Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	16,020	0	16,020
For Non-Distribution Service (Transmission	749,211	0	749,211
Total Energy Deliveries	765,231	0	765,231

Reporting Month: May

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

	Firm Transmission Service	Non-Firm Transmission Services	Total
For Distribution Service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric Systems			
Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	16,020	0	16,020
For Non-Distribution Service (Transmission	574,418	0	574,418
Total Energy Deliveries	590,438	0	590,438

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

Part B: Delivery of Energy

Reporting Month: June

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

	Firm Transmission Service	Non-Firm Transmission Services	Total
For Distribution Service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric Systems			
Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	14,859	0	14,859
For Non-Distribution Service (Transmission	1,023,670	0	1,023,670
Total Energy Deliveries	1,038,529	0	1,038,529

Reporting Month: June

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

	Firm Transmission Service	Non-Firm Transmission Services	Total
For Distribution Service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric Systems			
Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	14,859	0	14,859
For Non-Distribution Service (Transmission	789,632	0	789,632
Total Energy Deliveries	804,491	0	804,491

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

Part B: Delivery of Energy

Reporting Month: July

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

	Firm Transmission Service	Non-Firm Transmission Services	Total
For Distribution Service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric Systems			
Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	15,371	0	15,371
For Non-Distribution Service (Transmission	1,055,826	0	1,055,826
Total Energy Deliveries	1,071,197	0	1,071,197

Reporting Month: July

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

	Firm Transmission Service	Non-Firm Transmission Services	Total
For Distribution Service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric Systems			
Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	15,371	0	15,371
For Non-Distribution Service (Transmission	815,630	0	815,630
Total Energy Deliveries	831,001	0	831,001

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

Part B: Delivery of Energy

Reporting Month: August

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

	Firm Transmission Service	Non-Firm Transmission Services	Total
For Distribution Service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric Systems			
Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	15,518	0	15,518
For Non-Distribution Service (Transmission	978,615	0	978,615
Total Energy Deliveries	994,133	0	994,133

Reporting Month: August

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

	Firm Transmission Service	Non-Firm Transmission Services	Total
For Distribution Service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric Systems			
Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	15,518	0	15,518
For Non-Distribution Service (Transmission	754,600	0	754,600
Total Energy Deliveries	770,118	0	770,118



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

Part B: Delivery of Energy

Reporting Month: September

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

	Firm Transmission Service	Non-Firm Transmission Services	Total
For Distribution Service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric Systems			
Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	14,648	0	14,648
For Non-Distribution Service (Transmission	1,001,221	0	1,001,221
Total Energy Deliveries	1,015,869	0	1,015,869

Reporting Month: September

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

	Firm Transmission Service	Non-Firm Transmission Services	Total
For Distribution Service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric Systems			
Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	14,648	0	14,648
For Non-Distribution Service (Transmission	777,155	0	777,155
Total Energy Deliveries	791,803	0	791,803

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

Part B: Delivery of Energy

Reporting Month: October

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

	Firm Transmission Service	Non-Firm Transmission Services	Total
For Distribution Service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric Systems			
Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	14,438	0	14,438
For Non-Distribution Service (Transmission	657,403	0	657,403
Total Energy Deliveries	671,841	0	671,841

Reporting Month: October

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

	Firm Transmission Service	Non-Firm Transmission Services	Total
For Distribution Service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric Systems			
Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	14,438	0	14,438
For Non-Distribution Service (Transmission	499,600	0	499,600
Total Energy Deliveries	514,038	0	514,038

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

Part B: Delivery of Energy

Reporting Month: November

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

	Firm Transmission Service	Non-Firm Transmission Services	Total
For Distribution Service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric Systems			
Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	18,998	0	18,998
For Non-Distribution Service (Transmission	853,571	0	853,571
Total Energy Deliveries	872,569	0	872,569

Reporting Month: November

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

	Firm Transmission Service	Non-Firm Transmission Services	Total
For Distribution Service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric Systems			
Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	18,998	0	18,998
For Non-Distribution Service (Transmission	654,659	0	654,659
Total Energy Deliveries	673,657	0	673,657

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

Part B: Delivery of Energy

Reporting Month: December

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

	Firm Transmission Service	Non-Firm Transmission Services	Total
For Distribution Service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric Systems			
Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	21,378	0	21,378
For Non-Distribution Service (Transmission	1,061,545	0	1,061,545
Total Energy Deliveries	1,082,923	0	1,082,923

Reporting Month: December

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

	Firm Transmission Service	Non-Firm Transmission Services	Total
For Distribution Service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric Systems			
Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	21,378	0	21,378
For Non-Distribution Service (Transmission	791,676	0	791,676
Total Energy Deliveries	813,054	0	813,054

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

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total
Sources minus Delivery <sup>a</sup>	20,291	0	20,291

(a) FE3-T5 Part A minus FE3-T5 Part B (1).

Part C: Losses and Unaccounted For (MWh)

Reporting Month: February

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total
Sources minus Delivery <sup>a</sup>	15,225	0	15,225

(a) FE3-T5 Part A minus FE3-T5 Part B (1).

Part C: Losses and Unaccounted For (MWh)

Reporting Month: March

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total
Sources minus Delivery <sup>a</sup>	13,682	0	13,682

(a) FE3-T5 Part A minus FE3-T5 Part B (1).

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

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total
Sources minus Delivery <sup>a</sup>	13,216	0	13,216

(a) FE3-T5 Part A minus FE3-T5 Part B (1).

Part C: Losses and Unaccounted For (MWh)

Reporting Month: May

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total
Sources minus Delivery <sup>a</sup>	17,347	0	17,347

(a) FE3-T5 Part A minus FE3-T5 Part B (1).

Part C: Losses and Unaccounted For (MWh)

Reporting Month: June

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total
Sources minus Delivery <sup>a</sup>	23,641	0	23,641

(a) FE3-T5 Part A minus FE3-T5 Part B (1).

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

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total
Sources minus Delivery <sup>a</sup>	11,026	0	11,026

(a) FE3-T5 Part A minus FE3-T5 Part B (1).

Part C: Losses and Unaccounted For (MWh)

Reporting Month: August

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total
Sources minus Delivery <sup>a</sup>	13,307	0	13,307

(a) FE3-T5 Part A minus FE3-T5 Part B (1).

Part C: Losses and Unaccounted For (MWh)

Reporting Month: September

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total
Sources minus Delivery <sup>a</sup>	11,320	0	11,320

(a) FE3-T5 Part A minus FE3-T5 Part B (1).

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

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total
Sources minus Delivery <sup>a</sup>	14,080	0	14,080

(a) FE3-T5 Part A minus FE3-T5 Part B (1).

Part C: Losses and Unaccounted For (MWh)

Reporting Month: November

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total
Sources minus Delivery <sup>a</sup>	14,965	0	14,965

(a) FE3-T5 Part A minus FE3-T5 Part B (1).

Part C: Losses and Unaccounted For (MWh)

Reporting Month: December

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total
Sources minus Delivery <sup>a</sup>	17,767	0	17,767

(a) FE3-T5 Part A minus FE3-T5 Part B (1).



PUCO Form FE-T6  
Conditions at Time of Monthly Peak  
(Megawatts)

[illegible]

PUCO Form FE-T7:  
Characteristics of Existing Transmission Lines

Transmission Name & Line No. <sup>a</sup> List Each Transmission Line of 125 kV or More	Point of (Origin - Terminus) Indicate Location of Line's Beginning and Terminus	Summer Capability		Winter Capability		Operating Voltage (kV) Indicate Design Voltage and Operating Voltage For Each Line	Design Voltage (kV)	Right-of-Way		Type of Supporting Structure Steel Towers, Wood Poles or Underground, etc. Miles of the Line of Each Structure	Number of Circuits		Substations on the Line Substation Name
		Normal Rating	Emergency Rating	Normal Rating	Emergency Rating			Length (Miles)	Width Max./Min. (feet)		Design	Installed	
Kyger-Sporn * AEP	Kyger Creek Cheshire, OH	988	1008	1287	1312	345	345	0.4 **	150	Steel towers	1	1	
Kyger-Tri-State * AEP	Kyger Creek Cheshire, OH	971	1166	1234	1481	345	345	0.4 **	150	Steel towers	1 ****	1	
Kyger-Pierce	Kyger Creek Cheshire, OH	972	972	1235	1235	345	345	119.8	150	Steel towers	1 ****	1 ****	
Kyger-Marquis* AEP	Kyger Creek Cheshire, OH	972	972	1235	1235	345	345	50.4	150	Steel towers	1 ****	1 ****	
Kyger-X530 DOE	Kyger Creek Cheshire, OH	478	526	478	526	345	345	50.4	150	Steel towers	2	2	
Pierce-Clifty	New Richmond, OH	956	956	956	956	345	345	0.4 **	150	Steel towers	2	2	
Pierce-Dearbom * AEP	New Richmond, OH	972	972	1235	1235	345	345	0.4 **	150	Steel towers	1	1	
Pierce-X530 DOE	New Richmond, OH	478	526	478	526	345	345	71.5	150	Steel towers	2	2	
Pierce-Beaufort * Duke	New Richmond, OH	846	972	1040	1195	345	345	0.4 **	150	Steel towers	1	1	

a. Indicate with \* if transmission line is an interconnection with another electric transmission owner and list the other transmission owner's name.

\*\* Indicates the portion of the line located within Ohio

\*\*\* The Kyger – Tri-State 345 kV circuit physically passes through the Sporn station but has no electrical connection. As part of PJM's Regional Transmission Expansion Plan, Project B2022, this circuit will be re-terminated at the AEP Sporn Station in WV and will become a second Kyger Creek-Sporn 345 kV circuit. The projected in-service date is 6/1/2016. The Ohio portion of this circuit will remain unchar

\*\*\*\* Kyger Creek – Marquis created from former Kyger Creek – DOE X533 #2 and DOE X533 #1 – Marquis circuits. Kyger Creek – Pierce created from former Kyger Creek – DOE X533 #1 and DOE X533 – Pierce #1 and #2 circuits (6-wired).

PUCO Form FE-T8:  
Summary of Existing Substations on Transmission Lines

Substation Name	Type Distribution (D) Transmission (T)	Voltage(s) (kV)	Line Association (FE3-T7 or FE3-T9 Notation)	Line Existing or Proposed
Kyger Creek	(T)	345 kV	Kyger-Sporn	Existing
Kyger Creek	(T)	345 kV	Kyger-Tri-State	Existing
Kyger Creek	(T)	345 kV	Kyger – Pierce	Existing
Kyger Creek	(T)	345 kV	Kyger - Marquis	Existing
Kyger Creek	(T)	345 kV	Kyger – X530	Existing
Pierce	(T)	345 kV	Pierce – Clifty	Existing
Pierce	(T)	345 kV	Pierce – Dearborn	Existing
Pierce	(T)	345 kV	Pierce – Buffington	Existing
Pierce	(T)	345 kV	Pierce – Kyger	Existing
Pierce	(T)	345 kV	Pierce – X530	Existing

PUCO Form FE-T9:  
Specifications of Planned Electric Transmission Lines

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

**\* OVEC does not plan to add any transmission lines.**

# PUCO Form FE-T10

## Summary of Proposed Substations

[illegible]

**\* OVEC does not plan to add any substations.**

**Copy of  
LETTER OF NOTIFICATION**

Pike County Library  
THE GARNET A. WILSON  
PUBLIC LIBRARY OF PIKE CO  
207 N MARKET ST  
WAVERLY OH 45690

RE: 2015 Ohio Valley Electric Corporation's Long-Term Forecast Report

Dear Librarian:

Enclosed is a copy of Ohio Valley Electric Corporation's 2015 Long-Term Forecast Report to the Public Utilities Commission of Ohio, which was filed on April 15, 2015. Additional copies of the Report can be obtained, at a cost covering the cost of duplication and postage, by sending a request to: Mark A. Peifer, Vice President and Chief Operating Officer, P.O. Box 16631, Columbus, Ohio 43216.

**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

**4/15/2015 12:50:15 PM**

**in**

**Case No(s). 15-0500-EL-FOR**

Summary: Report -2015 Long-Term Forecast Report electronically filed by Mr. Steven T Nourse on behalf of Ohio Valley Electric Corporation