

**OHIO VALLEY ELECTRIC
CORPORATION**

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

Case No. 22-500-EL-FOR

2022

ELECTRIC

Case No. 22-500-EL-FOR

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

Submitted by

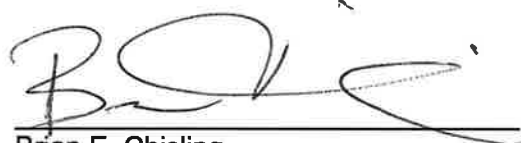
**OHIO VALLEY ELECTRIC CORPORATION
P.O. Box 16631
Columbus, Ohio 43216
Telephone: (614) 716-2860**

April 12, 2022

CERTIFICATE OF SERVICE

I hereby certify that:

1. Pursuant of Section 4901:5-1-03(F), Ohio Administrative Code, copies of OVEC's 2022 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 the copies of Ohio Vally Electric Corporation's 2022 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 the 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 2022 Long-Term Forecast Report at its principal business office for public inspection during business hours; and
4. Pursuant to Section 4901:5-1-03(1), Ohio Administrative Code, Ohio Valley Electric Corporation will provide a copy of its 2022 Long-Term Forecast Report to any person upon request at a cost to cover the expenses incurred.



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 6, 2022

Dated this day in Columbus, Ohio

OVEC 2022

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

**Ohio Valley Electric Corporation's 2022 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 "JC", is written over a horizontal line.

Justin Cooper

**Vice President, Chief Operating Officer, and
Chief Financial Officer
Ohio Valley Electric Corporation**

**April 12, 2022
Dated this day in Columbus, Ohio**

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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 13 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 attached forecast assumes that DOE will take power and energy in 2022 as it did in 2021. 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:
OVEC
Transmission Energy Delivery Forecast

(Megawatt-Hours Per Year)^a

		(1)	(2)	(3) (1)+(2)	(4)	(5)	(6) (4)+(5)	(7) (3)+(6)	(8)	(9)	(10) (8)+(9)	(11) (7) - (10)	(12)	(13) (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 Deliveries For Load Connected to the System	Energy Deliveries For Loads Connected to the System Inside Ohio	Energy Deliveries For Loads Connected to the System Outside Ohio
-5	2017	5,899,936	6,040,323	11,940,259	184,903	5,304,722	5,489,625	17,429,884	12,453,737	4,571,002	17,024,739	405,145	405,145	0
-4	2018	5,801,084	6,345,797	12,146,881	103,563	7,591,957	7,695,520	19,842,401	14,703,850	4,656,271	19,360,121	482,280	482,280	0
-3	2019	5,515,316	5,722,974	11,238,290	342,580	5,499,670	5,842,250	17,080,540	11,043,597	5,319,750	16,363,347	717,193	717,193	0
-2	2020	4,649,744	4,375,304	9,025,048	826,475	5,118,399	5,944,874	14,969,922	9,954,076	4,717,113	14,671,189	298,733	298,733	0
-1	2021	5,033,560	5,034,627	10,068,187	428,949	4,531,533	4,960,482	15,028,669	9,889,804	4,800,685	14,690,489	338,180	338,180	0
0	2022											723,430	723,430	0
1	2023											913,159	913,159	0
2	2024											762,911	762,911	0
3	2025											777,364	777,364	0
4	2026											767,673	767,673	0
5	2027											772,744	772,744	0
6	2028											772,744	772,744	0
7	2029											772,744	772,744	0
8	2030											772,744	772,744	0
9	2031											772,744	772,744	0
10	2032											759,344	759,344	0

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

PUCO Form FE-T2:
OVEC
Electric Transmission Owner's System
Seasonal Peak Load Demand Forecast

		Native Load ^b		Internal Load ^c	
	Year	Summer	Winter	Summer	Winter ^d
-5	2017	88	126	88	126
-4	2018	99	141	99	141
-3	2019	101	129	101	129
-2	2020	78	111	78	111
-1	2021	73	91	73	91
0	2022	91	136	91	136
1	2023	62	89	62	89
2	2024	62	89	62	89
3	2025	62	89	62	89
4	2026	62	89	62	89
5	2027	62	89	62	89
6	2028	62	89	62	89
7	2029	62	89	62	89
8	2030	62	89	62	89
9	2031	62	89	62	89
10	2032	62	89	62	89

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.

PUCO Form FE-T3:
OVEC
Electric Transmission Owner's Total
Monthly Energy Forecast

(Megawatt-Hours/Month)

	Ohio Portion ^a	Total Service Area ^b	Total System ^c
Year 0 ^d			
January	57469*	57469*	57469*
February	50581*	50581*	50581*
March	64,051	64,051	64,051
April	63,301	63,301	63,301
May	61,149	61,149	61,149
June	59,963	59,963	59,963
July	59,385	59,385	59,385
August	59,415	59,415	59,415
September	59,616	59,616	59,616
October	61,149	61,149	61,149
November	63,301	63,301	63,301
December	64,051	64,051	64,051
Year 1 ^d			
January	84,449	84,449	84,449
February	83,153	83,153	83,153
March	83,698	83,698	83,698
April	76,287	76,287	76,287
May	50,895	50,895	50,895
June	75,556	75,556	75,556
July	78,019	78,019	78,019
August	78,051	78,051	78,051
September	62,621	62,621	62,621
October	73,388	73,388	73,388
November	82,716	82,716	82,716
December	84,324	84,324	84,324

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 (*).

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

	Ohio Portion ^a	Total Service Area ^b	System ^c
Year 0 ^d			
January	79*	79*	79*
February	79*	79*	79*
March	80	80	80
April	80	80	80
May	78	78	78
June	78	78	78
July	78	78	78
August	78	78	78
September	78	78	78
October	78	78	78
November	80	80	80
December	80	80	80
Year 1 ^d			
January	82	82	82
February	82	82	82
March	82	82	82
April	82	82	82
May	77	77	77
June	77	77	77
July	77	77	77
August	77	77	77
September	77	77	77
October	77	77	77
November	82	82	82
December	82	82	82

(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 Part A:
OVEC
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	1,055,424		1,055,424
Energy Receipts From Other Sources	11,099		11,099
Total Energy Receipts	1,066,523		1,066,523

Reporting Month: February

2. 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	1,035,675		1,035,675
Energy Receipts From Other Sources	10,337		10,337
Total Energy Receipts	1,046,012		1,046,012

Reporting Month: March

3. 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	868,395		868,395

PUCO Form FE-T5 Part A:
OVEC
Monthly Energy Transactions for the
Most Recent Year

Energy Receipts From Other Sources	10,100		10,100
Total Energy Receipts	878,495		878,495

Reporting Month: April

4. 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	799,948		799,948
Energy Receipts From Other Sources	9,094		9,094
Total Energy Receipts	809,042		809,042

Reporting Month: May

5. 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	601,960		601,960
Energy Receipts From Other Sources	8,418		8,418
Total Energy Receipts	610,378		610,378

Reporting Month: June

6. 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	814,192		814,192
Energy Receipts From Other Sources	8,451		8,451
Total Energy Receipts	822,643		822,643

PUCO Form FE-T5 Part A:
OVEC
Monthly Energy Transactions for the
Most Recent Year

Reporting Month: July

7. 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	1,109,637		1,109,637
Energy Receipts From Other Sources	8,962		8,962
Total Energy Receipts	1,118,599		1,118,599

Reporting Month: August

8. 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	1,105,111		1,105,111
Energy Receipts From Other Sources	9,112		9,112
Total Energy Receipts	1,114,223		1,114,223

Reporting Month: September

9. 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	984,406		984,406
Energy Receipts From Other Sources	8,577		8,577
Total Energy Receipts	992,983		992,983

Reporting Month: October

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

	Firm Transmission Service	Non-Firm Transmission Service	Total

PUCO Form FE-T5 Part A:
OVEC
Monthly Energy Transactions for the
Most Recent Year

Energy Receipts From Power Plants Directly Connected to the Electric Transmission Owner's Transmission System	483,940		483,940
Energy Receipts From Other Sources	8,575		8,575
Total Energy Receipts	492,514		492,514

Reporting Month: November

11. 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	460,458		460,458
Energy Receipts From Other Sources	9,357		9,357
Total Energy Receipts	469,816		469,816

Reporting Month: December

12. 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	694,062		694,062
Energy Receipts From Other Sources	10,397		10,397
Total Energy Receipts	704,460		704,460

PUCO Form FE-T5 Part B:
OVEC
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	11,099	0	11,099
For Non-Distribution Service (Transmission to Transmission Service)	886,178	0	886,178
Total Energy Deliveries	897,277	0	897,277

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	11,099	0	11,099
For Non-Distribution Service (Transmission to Transmission Service)	1,024,653	0	1,024,653
Total Energy Deliveries	1,035,752	0	1,035,752

PUCO Form FE-T5 Part B:
OVEC
Monthly Energy Transactions For
the Most Recent Year

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	10,337	0	10,337
For Non-Distribution Service (Transmission to Transmission Service)	402,211	0	402,211
Total Energy Deliveries	412,548	0	412,548

Reporting Month: February

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

	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	10,337	0	10,337
For Non-Distribution Service (Transmission to Transmission Service)	872,086	0	872,086
Total Energy Deliveries	882,423	0	882,423

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			

PUCO Form FE-T5 Part B:
OVEC
Monthly Energy Transactions For
the Most Recent Year

Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	10,100	0	10,100
For Non-Distribution Service (Transmission to Transmission Service)	645,727	0	645,727
Total Energy Deliveries	655,827	0	655,827

Reporting Month: March

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

	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	10,100	0	10,100
For Non-Distribution Service (Transmission to Transmission Service)	731,537	0	731,537
Total Energy Deliveries	741,637	0	741,637

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	9,094	0	9,094
For Non-Distribution Service (Transmission to Transmission Service)	364,909	0	364,909
Total Energy Deliveries	374,003	0	374,003

Reporting Month: April

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

PUCO Form FE-T5 Part B:
OVEC
Monthly Energy Transactions For
the Most Recent Year

	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	9,094	0	9,094
For Non-Distribution Service (Transmission	673,292	0	673,292
Total Energy Deliveries	682,386	0	682,386

Reporting Month: May

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

	Firm	Non-Firm	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	8,418	0	8,418
For Non-Distribution Service (Transmission to Transmission Service)	411,844	0	411,844
Total Energy Deliveries	420,262	0	420,262

Reporting Month: May

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

	Firm	Non-Firm	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	8,418	0	8,418
For Non-Distribution Service (Transmission to Transmission Service)	503,905	0	503,905

PUCO Form FE-T5 Part B:
OVEC
Monthly Energy Transactions For
the Most Recent Year

Total Energy Deliveries	512,323	0	512,323
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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	8,451	0	8,451
For Non-Distribution Service (Transmission to Transmission Service)	837,329	0	837,329
Total Energy Deliveries	845,780	0	845,780

Reporting Month: June

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

	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	8,451	0	8,451
For Non-Distribution Service (Transmission to Transmission Service)	685,021	0	685,021
Total Energy Deliveries	693,472	0	693,472

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			

PUCO Form FE-T5 Part B:
OVEC
Monthly Energy Transactions For
the Most Recent Year

Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric Systems			
Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	8,962	0	8,962
For Non-Distribution Service (Transmission to Transmission Service)	942,026	0	942,026
Total Energy Deliveries	950,988	0	950,988

Reporting Month: July

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

	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	8,962	0	8,962
For Non-Distribution Service (Transmission to Transmission Service)	934,318	0	934,318
Total Energy Deliveries	943,280	0	943,280

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	9,112	0	9,112
For Non-Distribution Service (Transmission to Transmission Service)	898,813	0	898,813
Total Energy Deliveries	907,925	0	907,925

PUCO Form FE-T5 Part B:
OVEC
Monthly Energy Transactions For
the Most Recent Year

Reporting Month: August

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

	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	9,112	0	9,112
For Non-Distribution Service (Transmission to Transmission Service)	758,158	0	758,158
Total Energy Deliveries	767,270	0	767,270

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	8,577	0	8,577
For Non-Distribution Service (Transmission to Transmission Service)	666,126	0	666,126
Total Energy Deliveries	674,703	0	674,703

Reporting Month: September

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

	Firm Transmission Service	Non-Firm Transmission Services	Total
For Distribution Service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric Systems			

PUCO Form FE-T5 Part B:
OVEC
Monthly Energy Transactions For
the Most Recent Year

Municipal-Owned Electric Systems			
Federal and State Electric Agencies			
Other End User Service	8,577	0	8,577
For Non-Distribution Service (Transmission to Transmission Service)	828,412	0	828,412
Total Energy Deliveries	836,989	0	836,989

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	8,575	0	8,575
For Non-Distribution Service (Transmission to Transmission Service)	585,854	0	585,854
Total Energy Deliveries	594,429	0	594,429

Reporting Month: October

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

	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	8,575	0	8,575
For Non-Distribution Service (Transmission to Transmission Service)	406,235	0	406,235
Total Energy Deliveries	414,810	0	414,810

Reporting Month: November

PUCO Form FE-T5 Part B:
OVEC
Monthly Energy Transactions For
the Most Recent Year

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	9,357	0	9,357
For Non-Distribution Service (Transmission to Transmission Service)	462,162	0	462,162
Total Energy Deliveries	471,519	0	471,519

Reporting Month: November

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

	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	9,357	0	9,357
For Non-Distribution Service (Transmission to Transmission Service)	386,071	0	386,071
Total Energy Deliveries	395,428	0	395,428

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			

PUCO Form FE-T5 Part B:
OVEC
Monthly Energy Transactions For
the Most Recent Year

Other End User Service	10,397	0	10,397
For Non-Distribution Service (Transmission to Transmission Service)	1,134,638	0	1,134,938
Total Energy Deliveries	1,145,035	0	1,145,035

Reporting Month: December

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

	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	10,397	0	10,397
For Non-Distribution Service (Transmission	584,932	0	584,932
Total Energy Deliveries	595,329	0	595,329

PUCO Form FE-T5 Part C:
OVEC
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 ^a	169,246		169,246

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

Reporting Month: February

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total
Sources minus Delivery ^a	633,464		633,464

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

Reporting Month: March

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total
Sources minus Delivery ^a	222,668		222,668

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

Reporting Month: April

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total

PUCO Form FE-T5 Part C:
OVEC
Monthly Energy Transactions for
the Most Recent Year

Sources minus Delivery ^a	435,039		435,039
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(a) FE3-T5 Part A minus FE3-T5 Part B (1).

Reporting Month: May

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total
Sources minus Delivery ^a	190,116		190,116

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

Reporting Month: June

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total
Sources minus Delivery ^a	-23,137		-23,137

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

Reporting Month: July

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total
Sources minus Delivery ^a	167,611		167,611

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

Reporting Month: August

1. Losses and Unaccounted For (MWh)

PUCO Form FE-T5 Part C:
OVEC
Monthly Energy Transactions for
the Most Recent Year

	Firm Transmission Service	Non-Firm Transmission Services	Total
Sources minus Delivery ^a	206,298		206,298

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

Reporting Month: September

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total
Sources minus Delivery ^a	318,280		318,280

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

Reporting Month: October

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total
Sources minus Delivery ^a	-101,914		-101,914

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

Reporting Month: November

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total
Sources minus Delivery ^a	-1,704		-1,704

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

Reporting Month: December

PUCO Form FE-T5 Part C:
OVEC
Monthly Energy Transactions for
the Most Recent Year

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total
Sources minus Delivery ^a	-440,576		-440,576

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

PUCO Form FE-6:
OVEC
Conditions at the 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
1/25/2021	14/00	52.6	N	N	N
2/1/2021	04/00	91.8	N	N	N
3/15/2021	18/00	51.8	N	N	N
4/29/2021	07/00	53.5	Y	Y	N
5/28/2021	14/00	45.9	Y	N	N
6/28/2021	19/00	50.5	Y	N	N
7/4/2021	17/00	62.9	N	N	N
8/24/2021	17/00	55.4	N	N	N
9/5/2021	06/00	55.7	N	N	N
10/3/2021	05/00	63.3	Y	N	N
11/5/2021	09/00	55.7	Y	N	N
12/6/2021	05/00	79.1	N	N	N

PUCO Form FE-T7:
OVEC
Characteristics of Existing Transmission Lines

Transmission Name & Line No. ^a	Point of (Origin - Terminus)	Summer Capability		Winter Capability		Operating Voltage (kV)	Design Voltage (kV)	Right-of-Way		Type of Supporting Structure	Number of Circuits		Substations on the Line
List Each Transmission Line of 125 kV or More	Indicate Location of Line's Beginning and Terminus	Normal Rating	Emergency Rating	Normal Rating	Emergency Rating	Indicate Design Voltage and Operating Voltage For Each Line		Length (Miles)	Width Max./Min. (feet)	Steel Towers, Wood Poles or Underground, etc. and Number of Miles of the Line of Each Structure	Design	Installed	Substation Name
Kyger-Sporn 1* AEP	Kyger Creek Cheshire, OH	1025	1204	1298	1512	345	345	0.4 **	150	Steel towers	1	1	
Kyger-Sporn 2* 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	464	464	464	464	345	345	50.4	150	Steel towers	2	2	
Pierce-Clifty	New Richmond, OH	972	972	1078	1193	345	345	0.4 **	150	Steel towers	2	2	
Pierce-Dearborn *	New Richmond, OH	972	972	1235	1235	345	345	0.4 **	150	Steel towers	1	1	
AEP													

PUCO Form FE-T7:
OVEC
Characteristics of Existing Transmission Lines

Pierce-X530	New Richmond, OH	464	464	464	464	345	345	71.5	150	Steel towers	2	2	
DOE													
Pierce-Buffington *	New Richmond, OH	971	971	1234	1234	345	345	0.4 **	150	Steel towers	1	1	
Duke													

The Kyger - Sporn 1 and 2 circuits were six wired together in 2021.

PUCO Form FE-T8:
OVEC
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 – 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:
OVEC
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 |
| 8. Planned Substations: | Specify number of tentative location and names of planned substations, transmission voltages and average acreage required. |
| 9. Supporting Structures: | Indicate preliminary structure type(s). |
| 10. Participation with Other Utilities: | Specify the nature of participation with other utilities, if applicable. |
| 11. Purpose of the Planned Transmission Line | Indicate the preliminary purpose of the planned line (e.g., system reliability, connection of generating facilities, load center growth, etc.). |
| 12. Consequences of Line Construction Deferment or Termination: | Briefly describe the consequences of delay. |
| 13. Miscellaneous | Waivers to be requested, date of pre-application conference (optional), area to be served, and other significant information. |

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

1. Line Name and Number:	Pierce - Don Marquis 345 kV (s2213)
2. Points of Origin and Termination:	Pierce, Don Marquis
3. Right-Of-Way:	71.5 miles / 150 ft / 2 circuit (will be six wired)
4. Voltage:	345/345 kV
5. Application For Certificate:	2022-2023
6. Construction:	2024-2025
7. Capital Investment:	\$0.8M
8. Planned Substations:	N/A
9. Supporting Structures:	Steel
10. Participation with Other Utilities:	AEP
11. Purpose of the Planned Transmission Line	Reconfigure 345 kV circuits afer retirement of X-530 station. The Pierce - X-530 345 kV line will be six wired and reconfigured to terminate at AEP's Don Marquis station
12. Consequences of Line Construction Deferment or Termination:	Important 345 kV lines in area would be left open ended after the retirement of the X-530 station.
13. Miscellaneous	N/A
1. Line Name and Number:	Kyger Creek - Don Marquis 345 kV (s2213)
2. Points of Origin and Termination:	Kyger Creek, Don Marquis
3. Right-Of-Way:	50.4 miles / 150 ft / 2 circuit (will be six wired)
4. Voltage:	345/345 kV
5. Application For Certificate:	2022-2023
6. Construction:	2024-2025
7. Capital Investment:	\$0.8M
8. Planned Substations:	N/A
9. Supporting Structures:	Steel
10. Participation with Other Utilities:	AEP
11. Purpose of the Planned Transmission Line	Reconfigure 345 kV circuits afer retirement of X-530 station. The Kyger Creek - X-530 345 kV line will be six wired and reconfigured to terminate at AEP's Don Marquis station
12. Consequences of Line Construction Deferment or Termination:	Important 345 kV lines in area would be left open ended after the retirement of the X-530 station.
13. Miscellaneous	N/A

PUCO Form FE-T10:
OVEC
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
*						

* OVEC does not plan to add any substations.

LETTER OF NOTIFICATION

LETTER OF NOTIFICATION

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

RE: 2022 Ohio Valley Electric Corporation's Long-Term Forecast Report

Dear Librarian:

Enclosed is a copy of Ohio Valley Electric Corporation's 2022 Long-Term Forecast Report to the Public Utilities Commission of Ohio, which was filed on April 12, 2022. Additional copies of the Report can be obtained, at a cost covering the cost of duplication and postage, by sending a request to: Justin Cooper, Vice President, Chief Operating Officer, and Chief Financial 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**

4/12/2022 12:01:16 PM

in

Case No(s). 22-0500-EL-FOR

Summary: Report Long Term Forecast Report electronically filed by Hector Garcia-Santana on behalf of Ohio Valley Electric Corporation