



April 15, 2021

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

**RE: *In the Matter of the Long-Term Forecast Report of AMP Transmission, LLC and Related Matters, Case No. 21-0439-EL-FOR***

Dear Ms. McNeal:

I am submitting the enclosed 2021 Long-Term Forecast Report ("LTFR") on behalf of AMP Transmission, LLC ("AMPT") pursuant to Section 4935.04 of the Ohio Revised Code.

AMPT is providing the pertinent sections of PUCO Form FE-T, including FE-T8 through FE-T10. Sections FE-T1 through FE-T6 are not applicable to AMPT as AMPT does not serve any load. Section FE-T7 is also not applicable since AMPT does not own any 138 kilovolt transmission lines.

I have emailed a copy of AMPT's 2021 LTFR to the Office of the Ohio Consumers' Counsel in accordance with Rule 4905:5-1-03(F), Ohio Administrative Code.

Please do not hesitate to contact me if you have any questions regarding this matter.

Respectfully submitted,

/s/ Lisa G. McAlister  
Lisa G. McAlister (0075043)

***General Counsel for AMP Transmission, LLC***

**AMP TRANSMISSION, LLC**

**LONG-TERM FORECAST REPORT**

**TO THE**

**PUBLIC UTILITIES COMMISSION OF OHIO**

Case No. 21-0439-EL-FOR

**2021**

**ELECTRIC**

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

**Submitted By**

**AMP Transmission, LLC**  
**1111 Schrock Road, Suite 100**  
**Columbus, Ohio 43229**  
**Telephone: (614) 540-1111**

**April 15, 2021**

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)	
			(1)+(2)			(4)+(5)	(3)+(6)			(8)+(9)	(7) - (10)		(11) - (12)	
	Energy Receipts from Generation		Energy Receipts					Energy Deliveries						
	Energy Receipts from Generation	Sources Connected	Total Energy	Energy Receipts Interconnections	at Interconnections			a Interconnections	Energy Deliveries at Interconnections	Total Energy	Energy Deliveries For	Energy Deliveries For		
	Sources Connected to the Owner's System	to the System Outside Ohio	Receipts from Generation Sources	with Other Transmission Companies Inside Ohio	with Other Transmission Companies Outside Ohio	Total Energy Receipts at Interconnections	Total Energy Receipts	with Other Transmission Companies Inside Ohio	with Other Transmission Companies Outside Ohio	Total Energy Deliveries at Interconnections	Load Connected to the System	Loads Connected to the System	Loads Connected to the System	
Year	Inside Ohio	Ohio	Sources	Ohio	Outside Ohio	Interconnections	Receipts	Ohio	Outside Ohio	Interconnections	the System	Inside Ohio	Outside Ohio	
-5														
-4														
-3														
-2														
-1														
0														
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														

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>

---

Year	Native Load <sup>b</sup>		Internal Load <sup>c</sup>	
	Summer	Winter	Summer	Winter <sup>d</sup>
-5				
-4				
-3				
-2				
-1				
0				
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

---

- 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  
 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>	0		
January	0		
February	0		
March	0		
April	0		
May	0		
June	0		
July	0		
August	0		
September	0		
October	0		
November	0		
December	0		
Year 1 <sup>d</sup>	0		
January	0		
February	0		
March	0		
April	0		
May	0		
June	0		
July	0		
August	0		
September	0		
October	0		
November	0		
<b>December</b>	<b>0</b>		

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:  
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			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
Year 1 <sup>d</sup>			
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			

- (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 (\*).

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

Part A: Sources of Energy

Reporting Month: \_\_\_\_\_

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

	Firm Transmission Service	Non-Firm Transmission Service	
Energy Receipts From Power Plants Directly Connected to the Electric Transmission Owner's Transmission System			
Energy Receipts From Other Sources			
Total Energy Receipts			



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

Part B: Delivery of Energy

Reporting Month: \_\_\_\_\_

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			
For Non-Distribution Service (Transmission to Transmission Service)			
Total Energy Deliveries			

Reporting Month: \_\_\_\_\_

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			
For Non-Distribution Service (Transmission to Transmission Service)			
Total Energy Deliveries			

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

Part C: Losses and Unaccounted For  
(MWh)

Reporting Month: \_\_\_\_\_

1. Losses and Unaccounted For (MWh)

	Firm Transmission Service	Non-Firm Transmission Services	Total
Sources minus Delivery <sup>a</sup>			

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



PUCO Form FE-T7:  
Characteristics of Existing Transmission Lines

Transmission Name & Line No. <sup>a</sup>	Point of (Origin - Terminus)	Summer Capability		Winter Capability		Operating Voltage (kV)	Design Voltage (kV)	Right-of-Way		Type of Supporting	Number of Circuits		Substations on the Line
		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	Design	Installed	Substation Name
List Each Transmission Line of 125 kV or More	Indicate Location of Line's Beginning and Terminus												
AMPT does not currently own lines 125kV or more													

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



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

1.	Line Name and Number:	Bellard - Brim *, B3159
2.	Points of Origin and Termination:	Bellard, Brim*
3.	Right-Of-Way:	>=0.2 mi/ 100 ft/ 1 circuit
4.	Voltage:	138kV / 138kV & 138kV / 69kV
5.	Application For Certificate:	2020-2021
6.	Construction:	2021
7.	Capital Investment:	\$700K
8.	Planned Substations:	Bellard / 138kV & 69kV / 5-acres
9.	Supporting Structures:	Steel Monopole
10.	Participation with Other Utilities:	FirstEnergy - ATSI to coordinate the establishment of 138/69kV line exits from the Brim substation
11.	Purpose of the Planned Transmission Line	Alleviate thermal and voltage constraints for Summer and Winter conditions
12.	Consequences of Line Construction Deferment or Termination:	Customer interruptions and equipment damages due to thermal and voltage constraints associated with the area 69kV transmission lines and substations under identified contingency conditions
13.	Miscellaneous	N/A

1.	Line Name and Number:	Amherst 138kV Extension (Amherst - Beaver* & Amherst - Black River*), B3153
2.	Points of Origin and Termination:	Amherst, Beaver*, Black River*
3.	Right-Of-Way:	>=0.30 mil / 100ft / 2 circuit
4.	Voltage:	138kV / 138kV & 138kV / 138kV
5.	Application For Certificate:	2021-2022
6.	Construction:	2022
7.	Capital Investment:	\$1.3 M
8.	Planned Substations:	Amherst West (E/P) / 2.5 acres
9.	Supporting Structures:	Steel Monopole
10.	Participation with Other Utilities:	FirstEnergy - ATSI to coordinate the establishment of the 138kV tap structure on the Beaver - Black River 138kV line
11.	Purpose of the Planned Transmission Line	Alleviate violations associated with radial MW-mile exposure
12.	Consequences of Line Construction Deferment or Termination:	Approximately 7,000 customers interruptions (~30MWs) due to failure of the radial facilities
13.	Miscellaneous	N/A



## CERTIFICATE OF SERVICE

I hereby certify that:

1. In accordance with Rule 4901:5-1-03(F), Ohio Administrative Code, copies of AMP Transmission, LLC's 2021 Long-Term Forecast Report have been delivered by electronic mail to the Office of the Ohio Consumers' Counsel on the day of the filing;
2. In accordance with Rule 4901:5-1-03(G), Ohio Administrative Code, a letter of notification stating where copies of AMP Transmission, LLC's 2021 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;
3. In accordance with Rule 4901:5-1-03(H), Ohio Administrative Code, AMP Transmission, LLC will keep at least one copy of its 2021 Long-Term Forecast Report at its principal business office for public inspection during business hours in accordance with COVID 19 pandemic policies and AMPT has posted an electronic version of the LTFR on its website; and,
4. Pursuant to Section 4905:5-1-03(I), Ohio Administrative Code, AMP Transmission, LLC will provide a copy of its 2021 Long-Term Forecast Report to any person upon request at a cost to cover the expenses incurred.

/s/ Lisa G. McAlister

Lisa G. McAlister (0075043)  
AMP Transmission, LLC  
1111 Schrock Road, Suite 100  
Columbus, Ohio 43229  
(614) 540-1111

General Counsel for AMP Transmission,  
LLC

April 15, 2021

Dated this day in Columbus, Ohio



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

AMP Transmission, LLC's 2021 Long-Term Forecast Report is true and correct to the best of my knowledge and belief.

/s/ Edward D. Tatum, Jr.  
Edward D. Tatum, Jr.  
Vice President Transmission  
AMP Transmission, LLC

April 15, 2021  
Dated this day in Columbus, Ohio

## **Appendix A – County Libraries for Letter Notifications**

1. Medina County Library  
210 S. Broadway Street  
Medina, Ohio 44256
2. Henry County Library  
Napoleon Public Library  
310 W. Clinton Street  
Napoleon, Ohio 43545
3. Lorain County Library  
351 W. Sixth Street  
Lorain, Ohio 44052
4. Wood County Library  
251 N. Main Street  
Bowling Green, Ohio 43402
5. Erie County Library  
Huron Public Library  
333 Williams Street  
Huron, Ohio 44839
6. Stark County Library  
715 Market Avenue North  
Canton, OH 44702

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

**Commission of Ohio Docketing Information System on**

**4/15/2021 3:46:06 PM**

**in**

**Case No(s). 21-0439-EL-FOR**

Summary: Report 2021 Long-Term Forecast Report electronically filed by Errin C Harris on behalf of AMP Transmission, LLC