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May 25, 2023

VIA E-FILING

Ms. Tanowa Troupe
Docketing Division, Ohio Power Siting Board
Public Utilities Commission of Ohio
180 East Broad Street
Columbus, OH 43215

Re: *American Transmission Systems, Incorporated's Application for a Certificate of Environmental Compatibility and Public Need*
Dowling-Fulton 345 kV Transmission Line Tap to Melbourne Substation Project
OPSB Case No. 22-0248-EL-BTX

Dear Ms. Troupe:

Please find attached American Transmission Systems, Incorporated's ("ATSI's") responses to Staff's first set of data requests dated May 11, 2023.

Should the Ohio Power Siting Board desire further information or discussion of this submittal, please contact me at 614-227-1989.

Very truly yours,



Devan K. Flahive
Attorney for American Transmissions, Incorporated

cc: Anne M. Rericha, Esq. (arericha@firstenergycorp.com)

Attachments

**BEFORE
THE OHIO POWER SITING BOARD**

In the Matter of American Transmission Systems,)
Incorporated's Application for a Certificate of) Case No. 22-0248-EL-BTX
Environmental Compatibility and Public Need to)
Construct the Dowling-Fulton 345 kV Transmission)
Line Tap to Melbourne Substation Project)

ATSI'S RESPONSE TO FIRST SET OF DATA REQUESTS FROM OPSB STAFF

Request Dated May 11, 2023:

Project Schedule

1) According to page 2-3 of the application, construction is anticipated to begin in third quarter 2025, and according to Figure 3-5 (Project Schedule) construction is anticipated to begin in September 2025. Please confirm the month/year that construction is expected to commence.

RESPONSE: ATSI expects to commence construction in September 2025. To clarify the Application references at issue for this question: Figure 3-5 (Project Schedule) time units are month/year, whereas Section 2-3 generalizes the timeframe to quarter.

2) Is any transmission line outage necessary for construction of this project? If so, explain what those outage dates would be and if PJM has been notified.

RESPONSE: At this time, ATSI anticipates that two transmission line outages will be required during construction, the first of which would not occur for at least two years. Thus, outages have not yet been requested or scheduled with PJM. ATSI's best estimate at this time is for the Fulton-North Star Steel 345 kV Transmission Line to be taken out of service in November 2025 and for the Dowling-Fulton 345 kV Transmission Line to be taken out of service in approximately May 2026.

Aviation

3) Page 8-33 of the application states that the highest structure would be 225 feet tall. Provide a list of those structures that would be 199 feet tall or higher and their corresponding latitude/longitude coordinates.

RESPONSE: The reference to a height of 225 feet on Page 8-33 of the Application was an absolute potential maximum for structures and construction equipment. Based on current design, the tallest structure would be 180 feet in height; ATSI does not expect any structures to be 199 feet tall or higher.

4) Provide a complete list of the FAA determinations letters for the Dowling-Fulton 345 kV Transmission Line Tap to Melbourne Substation project, by filling in the attached Excel table and returning to OPSB. The ODOT Office of Aviation has requested this form be filled out so that it can better coordinate and assist on OPSB projects.

RESPONSE: Please see the attached completed spreadsheet.

5) Provide the FAA determination of no hazard letters that American Transmission Systems, Inc. has received to date for this project. If any structure has not yet received a determination of no hazard to-date, explain when the Form 7460 was (or will be) filed with the FAA and the best anticipated date of receipt.

RESPONSE: ATSI filed its FAA papers on May 15, 2023 for all proposed structures on both the Preferred and Alternate Routes. At the time of filing, no specific date was provided for a determination. However, ATSI anticipates an approximate 2-3 week review period before receiving the determination letters.

6) Describe the anticipated height of cranes.

RESPONSE: The anticipated height of cranes for this project is approximately 210 feet.

7) Will helicopters be used to install the structures? If so, please list the anticipated date range and times of day these would be used, including how the Toledo Express Airport and local public would be informed.

RESPONSE: At this time, ATSI does not anticipate the use of helicopters for construction of this project.

OHIO POWER SITING BOARD PROJECT					OPSB Certificate Number#		22-0248-EL-BTX		Issued / Expires:			
Airspace Case Study Numbers												
State ASN (If Issued)	Federal ASN	Status	Structure	Duration	Associated City	State	Latitude	Longitude	Site Elevation	AGL		
	2023-AGL-9509-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'57.51"N	83°54'40.32"W	696	140		
	2023-AGL-9510-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'57.44"N	83°54'53.64"W	700	140		
	2023-AGL-9511-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'57.36"N	83°55'7.16"W	704	140		
	2023-AGL-9512-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'57.29"N	83°55'20.27"W	704	140		
	2023-AGL-9513-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'57.21"N	83°55'33.59"W	706	130		
	2023-AGL-9514-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'57.14"N	83°55'46.90"W	710	130		
	2023-AGL-9515-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'57.06"N	83°56'0.41"W	713	130		
	2023-AGL-9516-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'56.98"N	83°56'13.86"W	714	130		
	2023-AGL-9517-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'56.90"N	83°56'27.59"W	716	130		
	2023-AGL-9518-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'56.82"N	83°56'40.17"W	718	130		
	2023-AGL-9519-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'56.75"N	83°56'53.49"W	723	130		
	2023-AGL-9520-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'56.00"N	83°57'6.76"W	728	130		
	2023-AGL-9521-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'55.22"N	83°57'20.68"W	725	130		
	2023-AGL-9522-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'54.46"N	83°57'34.26"W	726	130		
	2023-AGL-9523-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'53.77"N	83°57'46.56"W	728	130		
	2023-AGL-9524-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'53.02"N	83°57'59.83"W	727	130		
	2023-AGL-9525-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'52.28"N	83°58'13.09"W	728	130		
	2023-AGL-9526-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'51.61"N	83°58'27.36"W	730	140		
	2023-AGL-9527-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'50.94"N	83°58'41.84"W	739	130		
	2023-AGL-9528-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'50.28"N	83°58'55.89"W	739	130		
	2023-AGL-9529-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'49.62"N	83°59'10.15"W	741	140		
	2023-AGL-9530-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'49.45"N	83°59'20.59"W	739	140		
	2023-AGL-9531-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'49.99"N	83°59'33.10"W	735	130		
	2023-AGL-9532-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'50.53"N	83°59'45.62"W	739	140		
	2023-AGL-9533-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'51.07"N	83°59'58.13"W	740	130		
	2023-AGL-9534-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'51.61"N	84°0'10.64"W	739	130		
	2023-AGL-9535-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'52.14"N	84°0'23.15"W	732	130		
	2023-AGL-9536-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'52.11"N	84°0'31.55"W	739	120		
	2023-AGL-9537-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'46.68"N	84°0'31.53"W	740	120		
	2023-AGL-9538-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'44.37"N	84°0'37.01"W	717	120		
	2023-AGL-9539-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'44.15"N	84°0'45.91"W	717	120		
	2023-AGL-9540-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'43.94"N	84°0'54.82"W	734	110		
	2023-AGL-9541-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'43.72"N	84°1'3.68"W	734	110		
	2023-AGL-9542-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'41.10"N	84°1'10.19"W	721	130		
	2023-AGL-9543-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'38.06"N	84°1'17.72"W	729	140		
	2023-AGL-9544-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'34.80"N	84°1'27.31"W	750	130		
	2023-AGL-9545-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'31.21"N	84°1'37.91"W	747	120		
	2023-AGL-9546-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'29.88"N	84°1'43.81"W	748	110		
	2023-AGL-9547-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'28.56"N	84°1'49.65"W	748	110		
	2023-AGL-9548-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'28.25"N	84°1'56.28"W	749	110		
	2023-AGL-9549-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'27.98"N	84°2'3.08"W	748	110		
	2023-AGL-9550-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'27.65"N	84°2'13.01"W	748	120		
	2023-AGL-9551-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'27.44"N	84°2'22.62"W	748	120		
	2023-AGL-9552-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'27.21"N	84°2'33.09"W	749	120		
	2023-AGL-9553-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'26.95"N	84°2'44.47"W	750	130		
	2023-AGL-9554-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'26.73"N	84°2'54.74"W	753	140		
	2023-AGL-9555-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'26.50"N	84°3'4.98"W	751	130		
	2023-AGL-9556-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'26.29"N	84°3'14.40"W	752	120		

2023-AGL-9557-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'26.19"N	84°3'18.78"W	751	120
2023-AGL-9558-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'21.64"N	84°3'18.78"W	751	120
2023-AGL-9559-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'14.60"N	84°3'18.76"W	752	120
2023-AGL-9560-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'7.48"N	84°3'18.75"W	753	120
2023-AGL-9561-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'0.07"N	84°3'18.74"W	749	120
2023-AGL-9562-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'52.62"N	84°3'18.73"W	749	120
2023-AGL-9563-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'45.20"N	84°3'18.72"W	748	120
2023-AGL-9564-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'37.57"N	84°3'18.70"W	750	120
2023-AGL-9565-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'29.90"N	84°3'18.69"W	750	120
2023-AGL-9566-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'22.21"N	84°3'18.68"W	758	150
2023-AGL-9567-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'17.09"N	84°3'18.64"W	746	180
2023-AGL-9568-OE	Planning	Transmission Line	Permanent	Delta	OH	41°33'56.60"N	84°3'27.84"W	749	100
2023-AGL-9569-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'1.94"N	84°3'21.83"W	749	130
2023-AGL-9570-OE	Planning	Transmission Line	Permanent	Delta	OH	41°33'57.56"N	84°3'23.64"W	750	110
2023-AGL-9571-OE	Planning	Transmission Line	Permanent	Delta	OH	41°33'57.46"N	84°3'29.06"W	750	100
2023-AGL-9572-OE	Planning	Transmission Line	Permanent	Delta	OH	41°33'53.41"N	84°3'23.84"W	747	100
2023-AGL-9573-OE	Planning	Transmission Line	Permanent	Delta	OH	41°33'55.57"N	84°3'17.00"W	748	120
2023-AGL-9574-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'1.50"N	84°3'10.66"W	747	130
2023-AGL-9575-OE	Planning	Transmission Line	Permanent	Delta	OH	41°33'52.43"N	84°3'29.16"W	747	100
2023-AGL-9576-OE	Planning	Transmission Line	Permanent	Delta	OH	41°33'52.52"N	84°3'23.85"W	747	110
2023-AGL-9577-OE	Planning	Transmission Line	Permanent	Delta	OH	41°33'54.88"N	84°3'16.29"W	747	160
2023-AGL-9578-OE	Planning	Transmission Line	Permanent	Delta	OH	41°33'59.57"N	84°3'8.82"W	747	160
2023-AGL-9579-OE	Planning	Transmission Line	Permanent	Delta	OH	41°33'59.80"N	84°3'1.22"W	747	100
2023-AGL-9580-OE	Planning	Transmission Line	Permanent	Delta	OH	41°33'56.70"N	84°3'22.56"W	751	110
2023-AGL-9581-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'17.11"N	84°3'21.76"W	751	180
2023-AGL-9582-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'8.51"N	84°3'22.51"W	750	150
2023-AGL-9583-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'2.00"N	84°3'23.01"W	750	130
2023-AGL-9586-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'8.53"N	83°54'40.51"W	684	165
2023-AGL-9587-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'6.55"N	83°54'52.63"W	685	130
2023-AGL-9588-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'4.57"N	83°55'4.76"W	685	130
2023-AGL-9589-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'2.51"N	83°55'17.43"W	686	130
2023-AGL-9590-OE	Planning	Transmission Line	Permanent	Delta	OH	41°35'0.62"N	83°55'29.01"W	686	130
2023-AGL-9591-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'58.64"N	83°55'41.14"W	687	130
2023-AGL-9592-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'56.66"N	83°55'53.26"W	689	130
2023-AGL-9593-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'54.68"N	83°56'5.39"W	691	130
2023-AGL-9594-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'52.7"N	83°56'17.51"W	694	130
2023-AGL-9595-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'52.68"N	83°56'26.23"W	696	130
2023-AGL-9596-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'52.67"N	83°56'35.07"W	697	130
2023-AGL-9597-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'49.25"N	83°56'47.42"W	697	130
2023-AGL-9598-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'45.83"N	83°56'59.76"W	699	130
2023-AGL-9599-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'43.84"N	83°57'12.06"W	699	130
2023-AGL-9600-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'41.86"N	83°57'24.31"W	703	130
2023-AGL-9601-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'39.87"N	83°57'36.62"W	705	130
2023-AGL-9602-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'37.89"N	83°57'48.86"W	708	130
2023-AGL-9603-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'36.14"N	83°57'59.64"W	709	130
2023-AGL-9604-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'34.34"N	83°58'10.77"W	711	150
2023-AGL-9605-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'24.48"N	83°58'10.78"W	707	130
2023-AGL-9606-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'14.62"N	83°58'10.78"W	703	130
2023-AGL-9607-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'4.76"N	83°58'10.78"W	699	130
2023-AGL-9608-OE	Planning	Transmission Line	Permanent	Delta	OH	41°34'1.24"N	83°58'20.67"W	701	130
2023-AGL-9609-OE	Planning	Transmission Line	Permanent	Delta	OH	41°33'57.72"N	83°58'30.56"W	704	130
2023-AGL-9610-OE	Planning	Transmission Line	Permanent	Delta	OH	41°33'57.92"N	83°58'43.48"W	705	130
2023-AGL-9611-OE	Planning	Transmission Line	Permanent	Delta	OH	41°33'58.12"N	83°58'56.41"W	706	130
2023-AGL-9612-OE	Planning	Transmission Line	Permanent	Delta	OH	41°33'58.32"N	83°59'9.33"W	708	130
2023-AGL-9613-OE	Planning	Transmission Line	Permanent	Delta	OH	41°33'58.51"N	83°59'22.26"W	709	130

2023-AGL-9614-OE	Planning	Transmission Line	<u>Permanent</u>	Delta	OH	41°33'58.71"N	83°59'35.18"W	711	130
2023-AGL-9615-OE	Planning	Transmission Line	<u>Permanent</u>	Delta	OH	41°33'58.91"N	83°59'48.11"W	713	130
2023-AGL-9616-OE	Planning	Transmission Line	<u>Permanent</u>	Delta	OH	41°33'55.82"N	83°59'55.72"W	709	130
2023-AGL-9617-OE	Planning	Transmission Line	<u>Permanent</u>	Delta	OH	41°33'52.44"N	84°0'4.08"W	711	130
2023-AGL-9618-OE	Planning	Transmission Line	<u>Permanent</u>	Delta	OH	41°33'52.2"N	84°0'15.65"W	713	120
2023-AGL-9619-OE	Planning	Transmission Line	<u>Permanent</u>	Delta	OH	41°33'49.71"N	84°0'22.46"W	715	120
2023-AGL-9620-OE	Planning	Transmission Line	<u>Permanent</u>	Delta	OH	41°33'49.96"N	84°0'34.75"W	716	130
2023-AGL-9621-OE	Planning	Transmission Line	<u>Permanent</u>	Delta	OH	41°33'50.21"N	84°0'47.04"W	718	130
2023-AGL-9622-OE	Planning	Transmission Line	<u>Permanent</u>	Delta	OH	41°33'50.46"N	84°0'59.33"W	720	130
2023-AGL-9623-OE	Planning	Transmission Line	<u>Permanent</u>	Delta	OH	41°33'50.7"N	84°1'11.62"W	723	130
2023-AGL-9624-OE	Planning	Transmission Line	<u>Permanent</u>	Delta	OH	41°33'50.95"N	84°1'23.91"W	730	120
2023-AGL-9625-OE	Planning	Transmission Line	<u>Permanent</u>	Delta	OH	41°33'54.31"N	84°1'31.74"W	733	130
2023-AGL-9626-OE	Planning	Transmission Line	<u>Permanent</u>	Delta	OH	41°33'57.69"N	84°1'39.62"W	733	120
2023-AGL-9627-OE	Planning	Transmission Line	<u>Permanent</u>	Delta	OH	41°33'56.18"N	84°1'48.11"W	736	130
2023-AGL-9628-OE	Planning	Transmission Line	<u>Permanent</u>	Delta	OH	41°33'54.66"N	84°1'56.65"W	736	150
2023-AGL-9629-OE	Planning	Transmission Line	<u>Permanent</u>	Delta	OH	41°33'52.25"N	84°2'8.93"W	739	150
2023-AGL-9630-OE	Planning	Transmission Line	<u>Permanent</u>	Delta	OH	41°33'49.84"N	84°2'21.23"W	742	140
2023-AGL-9631-OE	Planning	Transmission Line	<u>Permanent</u>	Delta	OH	41°33'47.92"N	84°2'31.03"W	744	130
2023-AGL-9632-OE	Planning	Transmission Line	<u>Permanent</u>	Delta	OH	41°33'45.79"N	84°2'44.09"W	743	140
2023-AGL-9633-OE	Planning	Transmission Line	<u>Permanent</u>	Delta	OH	41°33'43.67"N	84°2'57.12"W	743	140
2023-AGL-9634-OE	Planning	Transmission Line	<u>Permanent</u>	Delta	OH	41°33'41.55"N	84°3'10.15"W	742	140
2023-AGL-9635-OE	Planning	Transmission Line	<u>Permanent</u>	Delta	OH	41°33'39.4"N	84°3'23.34"W	744	170
2023-AGL-9636-OE	Planning	Transmission Line	<u>Permanent</u>	Delta	OH	41°33'46.65"N	84°3'23.54"W	746	140
2023-AGL-9637-OE	Planning	Transmission Line	<u>Permanent</u>	Delta	OH	41°33'51.45"N	84°3'23.65"W	749	100
2023-AGL-9638-OE	Planning	Transmission Line	<u>Permanent</u>	Delta	OH	41°33'51.35"N	84°3'29.13"W	746	100

**This foregoing document was electronically filed with the Public Utilities
Commission of Ohio Docketing Information System on**

5/25/2023 1:33:10 PM

in

Case No(s). 22-0248-EL-BTX

Summary: Response to First Set of Data Requests from Staff electronically filed by
Ms. Devan K. Flahive on behalf of American Transmission Systems Incorporated.