

**\*\*\*Contains Confidential Schedules Filed Under Seal\*\*\***

June 15, 2018

Mrs. Barcy McNeal  
Commission Secretary  
The Public Utilities Commission of Ohio  
180 East Broad Street  
Columbus, OH 43215

SUBJECT: Case No. 18-449-EL-FOR

Dear Mrs. McNeal:

Attached are addendum sheets to the 2018 Long Term Forecast Report filed by Ohio Edison Company, The Cleveland Electric Illuminating Company, The Toledo Edison Company, and American Transmission Systems, Inc. ("Companies") on April 16, 2018. These addendum sheets are in substantially the same form as and supplement the sheets previously filed under Form FE-T9 and FE-T10. At Staff's request, these addendum sheets supplement the original filing by providing information regarding planned electric transmission lines and substations that will operate at 69 kilovolts.

Form FE-T7 and FE-T8 are being filed by the Companies under seal with an accompanying Motion for Protective Order and are exempt from Public Records Requests pursuant to Ohio Revised Code 149.433. Those forms each are conspicuously marked with the statutorily required express statement. The information included on those sheets is voluntarily submitted to the PUCO in expectation of protection from disclosure for 25 years as provided by section 149.433 of the Revised Code. The Companies further request the Form FE-T7 and FE-T8 be maintained in a non-public file during its retention by the Commission.

Sincerely,



Santino L. Fanelli  
Director, Rates & Regulatory Affairs

Enclosures

**Form FE-T7 Filed Under Seal**

**Form FE-T8 Filed Under Seal**

4901:5-5-04(D)(1)

PUCO FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

ATSI-Ohio Edison Company Area

1	Line Name and Number	Huron Public Power Load connection-Tap Greenfield-Shinrock 69kV line & install 69kV switches
2	Point of Origin and Termination	O: Greenfield T: Shinrock
3	Right of Way	Existing
4	Voltage	69,000 Volts
5	Application for Certificate	Not applicable-below 125 kV threshold
6	Construction	Commence: 2018 Complete: 2018 Operation: 2018
7	Capital Investment	\$ 0.5 M
8	Substations	No. of planned substations: None  Voltage: N/A Location: N/A
9	Supporting Structures	Existing
10	Participation with other Utilities	Huron Public Power / Buckeye
11	Purpose of Planned Transmission Line	Build 0.1 mile 69 kV extension line
12	Consequence of Line Construction Deferment Or Termination	Unable to provide service to new wholesale customer connection
13	Miscellaneous	sNNNN

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PUCO FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

ATSI-Ohio Edison Company Area

1	Line Name and Number	Abbe-Medina 69kV Line
2	Point of Origin and Termination	O: Abbe T: Medina
3	Right of Way	Existing
4	Voltage	69,000 Volts
5	Application for Certificate	Not applicable-below 125 kV threshold
6	Construction	Commence: 2018 Complete: 2019 Operation: 2019
7	Capital Investment	\$18.5 M
8	Substations	No. of planned substations: None  Voltage: N/A Location: N/A
9	Supporting Structures	Existing
10	Participation with other Utilities	None
11	Purpose of Planned Transmission Line	Rebuild 18.1 miles of 69 kV transmission line based on condition assessment
12	Consequence of Line Construction Deferment	Potential risk of transmission outages
13	Miscellaneous	sNNNN

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PUCO FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

ATSI-Ohio Edison Company Area

1	Line Name and Number	Campbellsport 69kV Phase 3 (Streetsboro)
2	Point of Origin and Termination	O: Streetsboro
3	Right of Way	Existing
4	Voltage	69,000 Volts
5	Application for Certificate	Not applicable-below 125 kV threshold
6	Construction	Commence: 2019 Complete: 2020 Operation: 2020
7	Capital Investment	\$7.0 M
8	Substations	No. of planned substations: None  Voltage: N/A Location: N/A
9	Supporting Structures	Wood
10	Participation with other Utilities	None
11	Purpose of Planned Transmission Line	Rebuild approximately 1.8 miles of existing 69kV circuit to double circuit construction from Streetsboro substation; eliminate three terminal line and network radial lines.
12	Consequence of Line Construction Deferment Or Termination	Potential risk of transmission outages
13	Miscellaneous	PJM RTEP # s1212

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PUCO FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

ATSI-Ohio Edison Area

1	Line Name and Number	Dilworth Garrettsville Area Upgrades
2	Point of Origin and Termination	Dilworth Garrettsville Area Upgrades O: Garrettsville T: Ledges
3	Right of Way	Existing
4	Voltage	69,000 Volts
5	Application for Certificate	Not applicable-below 125 kV threshold
6	Construction	Commence: 2018 Complete: 2018 Operation: 2018
7	Capital Investment	\$7.7 M
8	Substations	No. of planned substations: None  Voltage: N/A Location: N/A
9	Supporting Structures	Wood
10	Participation with other Utilities	None
11	Purpose of Planned Transmission Line	Rebuild 3.2 miles of 69 kV transmission line to double circuit construction; eliminate three terminal line and network radial lines  Potential risk of transmission outages
12	Consequence of Line Construction Deferment Or Termination	
13	Miscellaneous	PJM RTEP #s1475

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PUCO FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

ATSI-Illuminating Company Area

1	Line Name and Number	Hanville (Wellington) 69kV Line Rebuild
2	Point of Origin and Termination	Hanville (Wellington) 69kV Line Rebuild O: Hanville T: Hanville
3	Right of Way	Existing
4	Voltage	69,000 Volts
5	Application for Certificate	Not applicable-below 125 kV threshold
6	Construction	Commence: 2020 Complete: 2021 Operation: 2021
7	Capital Investment	\$25 M
8	Substations	No. of planned substations: None  Voltage: N/A Location: N/A
9	Supporting Structures	Wood
10	Participation with other Utilities	None
11	Purpose of Planned Expansion	Rehab/Rebuild 32.8 miles of transmission line based on condition assessment  Potential risk of transmission outages
12	Consequence of Line Construction Deferment Or Termination	
13	Miscellaneous	PJM RTEP #sNNNN



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PUCO FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

ATSI-Ohio Edison Area

1	Line Name and Number	New Aurora-Treat 69kV line
2	Point of Origin and Termination	O: Aurora T: Treat
3	Right of Way	Length in mile: N/A Average width in feet: Number of transmission lines above 125 kV: 0
4	Voltage	69,000 Volts
5	Application for Certificate	Not applicable-below 125 kV threshold
6	Construction	Commence: 2019 Complete: 2019 Operation: 2019
7	Capital Investment	\$8.2 M
8	Substations	No. of planned substations: None  Voltage: N/A Location: N/A
9	Supporting Structures	Wood
10	Participation with other Utilities	None
11	Purpose of Planned Expansion	Construct new Aurora-Treat 69kV line to network existing radial 69 kV line (4.1 miles)
12	Consequence of Line Construction Deferment Or Termination	Potential risk of transmission outages
13	Miscellaneous	PJM RTEP # s1213

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PUCO FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

ATSI-Toledo Edison Area

1	Line Name and Number	Ravenna-West Ravenna #1 69kV Line Rebuild
2	Point of Origin and Termination	Ravenna-West Ravenna #1 69kV Line Rebuild T: Ravenna O: West Ravenna
3	Right of Way	Existing
4	Voltage	69,000 Volts
5	Application for Certificate	Not applicable-below 125 kV threshold
6	Construction	Commence: 2019 Complete: 2020 Operation: 2020
7	Capital Investment	\$ 5 M
8	Substations	No. of planned substations: None  Voltage: N/A Location: N/A
9	Supporting Structures	Wood
10	Participation with other Utilities	None
11	Purpose of Planned Expansion	Rebuild 4.1 miles of 69kV wood pole line based on condition assessment
12	Consequence of Line Construction Deferment Or Termination	Potential risk of transmission outages
13	Miscellaneous	PJM RTEP # sNNNN

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PUCO FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

ATSI-Ohio Edison

1	Line Name and Number	Columbiana - State Line - 69 kV Rebuild
2	Point of Origin and Termination	Columbiana - State Line - 69 kV Rebuild T: Columbiana O: State Line
3	Right of Way	Existing
4	Voltage	69,000 Volts
5	Application for Certificate	Not applicable-below 125 kV threshold
6	Construction	Commence: 2020 Complete: 2021 Operation: 2021
7	Capital Investment	\$18.9 M
8	Substations	No. of planned substations: None  Voltage: N/A Location: N/A
9	Supporting Structures	Wood
10	Participation with other Utilities	None
11	Purpose of Planned Expansion	Rebuild/Rehab 18.6 miles of 69 kV transmission line based on condition assessment  Potential risk of transmission outages
12	Consequence of Line Construction Deferment Or Termination	
13	Miscellaneous	PJM RTEP # sNNNN

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PUCO FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

ATSI-Ohio Edison

1	Line Name and Number	Richwood (Kirby) 69kV Reconductor/Rehab
2	Point of Origin and Termination	Richwood T: Richland O: Kirby
3	Right of Way	Existing
4	Voltage	69,000 Volts
5	Application for Certificate	Not applicable-below 125 kV threshold
6	Construction	Commence: 2019 Complete: 2019 Operation: 2019
7	Capital Investment	\$12.3 M
8	Substations	No. of planned substations: None  Voltage: N/A Location: N/A
9	Supporting Structures	Wood
10	Participation with other Utilities	None
11	Purpose of Planned Expansion	Rebuild and reconductor 12.6 miles of Richwood (Kirby) transmission line based on condition assessment.  Potential risk of transmission outages
12	Consequence of Line Construction Deferment Or Termination	
13	Miscellaneous	PJM RTEP # s1477

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PUCO FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

ATSI-Ohio Edison

1	Line Name and Number	Bingham to Schaff 69kV Rebuild (Cardington-Galion)
2	Point of Origin and Termination	Bingham T: Bingham O: Schaff
3	Right of Way	Proposed
4	Voltage	69,000 Volts
5	Application for Certificate	Not applicable-below 125 kV threshold
6	Construction	Commence: 2019 Complete: 2020 Operation: 2020
7	Capital Investment	\$11 M
8	Substations	No. of planned substations: None  Voltage: N/A Location: N/A
9	Supporting Structures	Wood
10	Participation with other Utilities	None
11	Purpose of Planned Expansion	Rebuild and Reconductor 12.8 miles of 69 kV Transmission Line based on condition assessment  Potential risk of transmission outages
12	Consequence of Line Construction Deferment Or Termination	
13	Miscellaneous	PJM RTEP #: sNNNN

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PUCO FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

ATSI-Ohio Edison

1	Line Name and Number	East Springfield-London 69kV Reconductor/Rehab
2	Point of Origin and Termination	East Springfield T: East Springfield O: London
3	Right of Way	Proposed
4	Voltage	69,000 Volts
5	Application for Certificate	Not applicable-below 125 kV threshold
6	Construction	Commence: 2020 Complete: 2021 Operation: 2021
7	Capital Investment	\$25.6 M
8	Substations	No. of planned substations: None  Voltage: N/A Location: N/A
9	Supporting Structures	Wood
10	Participation with other Utilities	None
11	Purpose of Planned Expansion	Reconductor & Rehab 19 miles of 69 kV Transmission line based on condition assessment
12	Consequence of Line Construction Deferment Or Termination	Potential risk of transmission outages
13	Miscellaneous	PJM RTEP #: sNNNN

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PUCO FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

ATSI-Ohio Edison

1	Line Name and Number	Bellevue-Carriage 69kV Reconductor/Rehab
2	Point of Origin and Termination	Bellevue T: Bellevue O: Carriage
3	Right of Way	Existing
4	Voltage	69,000 Volts
5	Application for Certificate	Not applicable-below 125 kV threshold
6	Construction	Commence: 2019 Complete: 2020 Operation: 2020
7	Capital Investment	\$17.1 M
8	Substations	No. of planned substations: None  Voltage: N/A Location: N/A
9	Supporting Structures	Wood
10	Participation with other Utilities	None
11	Purpose of Planned Expansion	Rebuild/Rehab 13.4 miles of 69 kV line based on condition assessment
12	Consequence of Line Construction Deferment Or Termination	Potential risk of transmission outages
13	Miscellaneous	PJM RTEP #: sNNNN

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PUCO FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

ATSI-Ohio Edison

1	Line Name and Number	Cloverdale-Harmon #1 69kv line
2	Point of Origin and Termination	Cloverdale T: Cloverdale O: Harmon
3	Right of Way	Existing
4	Voltage	69,000 Volts
5	Application for Certificate	Not applicable-below 125 kV threshold
6	Construction	Commence: 2019 Complete: 2020 Operation: 2020
7	Capital Investment	\$1.0 M
8	Substations	No. of planned substations: None  Voltage: N/A Location: N/A
9	Supporting Structures	Wood
10	Participation with other Utilities	None
11	Purpose of Planned Expansion	Rebuild/Rehab 1.4 miles of 138kV Line based on condition assessment
12	Consequence of Line Construction Deferment Or Termination	Potential risk of transmission outages
13	Miscellaneous	PJM RTEP #: sNNNN



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PUCO FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

ATSI-Ohio Edison

1	Line Name and Number	Darrow-West Akron 69-kV Line, Stow SS to Darrow SS Section
2	Point of Origin and Termination	Darrow T: Darrow O: West Akron
3	Right of Way	Existing
4	Voltage	69,000 Volts
5	Application for Certificate	Not applicable-below 125 kV threshold
6	Construction	Commence: 2018 Complete: 2018 Operation: 2018
7	Capital Investment	\$2.5 M
8	Substations	No. of planned substations: None  Voltage: N/A Location: N/A
9	Supporting Structures	Wood
10	Participation with other Utilities	None
11	Purpose of Planned Expansion	Rebuild/Rehab of 3.4 miles 69 kV line based on condition assessment
12	Consequence of Line Construction Deferment Or Termination	Potential risk of transmission outages
13	Miscellaneous	PJM RTEP #: sNNNN

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PUCO FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

ATSI-Ohio Edison

1	Line Name and Number	Rittman (Star) 69kV Line Rehab/Rebuild
2	Point of Origin and Termination	Rittman T: Rittman O: Star
3	Right of Way	Existing
4	Voltage	69,000 Volts
5	Application for Certificate	Not applicable-below 125 kV threshold
6	Construction	Commence: 2020 Complete: 2021 Operation: 2021
7	Capital Investment	\$16.6 M
8	Substations	No. of planned substations: None  Voltage: N/A Location: N/A
9	Supporting Structures	Wood
10	Participation with other Utilities	None
11	Purpose of Planned Expansion	Rebuild/Rehab of 17.4 miles 69 kV line based on condition assessment
12	Consequence of Line Construction Deferment Or Termination	Potential risk of transmission outages
13	Miscellaneous	PJM RTEP #: sNNNN

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PUCO FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

ATSI-Ohio Edison

1	Line Name and Number	Carlisle-Wellington 69kV Rehab and switches
2	Point of Origin and Termination	Carlisle T: Carlisle O: Wellington
3	Right of Way	Existing
4	Voltage	69,000 Volts
5	Application for Certificate	Not applicable-below 125 kV threshold
6	Construction	Commence: 2020 Complete: 2021 Operation: 2021
7	Capital Investment	\$25 M
8	Substations	No. of planned substations: None  Voltage: N/A Location: N/A
9	Supporting Structures	Wood
10	Participation with other Utilities	None
11	Purpose of Planned Expansion	Rebuild/Rehab of 28.5 miles 69 kV line based on condition assessment
12	Consequence of Line Construction Deferment Or Termination	Potential risk of transmission outages
13	Miscellaneous	PJM RTEP #: sNNNN

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PUCO FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

ATSI-Toldeo Edison

1	Line Name and Number	Citgo Petroleum (Ironville) 69kV Line Reconductor/Rehab
2	Point of Origin and Termination	Citgo Petroleum T: Citgo Petroleum O: Ironville
3	Right of Way	Existing
4	Voltage	69,000 Volts
5	Application for Certificate	Not applicable-below 125 kV threshold
6	Construction	Commence: 2019 Complete: 2019 Operation: 2019
7	Capital Investment	\$3.3 M
8	Substations	No. of planned substations: None  Voltage: N/A Location: N/A
9	Supporting Structures	Wood
10	Participation with other Utilities	None
11	Purpose of Planned Expansion	Rebuild/Rehab of 4.5 miles 69 kV line based on condition assessment
12	Consequence of Line Construction Deferment Or Termination	Potential risk of transmission outages
13	Miscellaneous	PJM RTEP #: sNNNN

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PUCO FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

ATSI-Toldeo Edison

1	Line Name and Number	Collins Park-Ironville 69kV Line
2	Point of Origin and Termination	Collins Park T: Collins Park O: Ironville
3	Right of Way	Existing
4	Voltage	69,000 Volts
5	Application for Certificate	Not applicable-below 125 kV threshold
6	Construction	Commence: 2018 Complete: 2018 Operation: 2018
7	Capital Investment	\$1.3 M
8	Substations	No. of planned substations: None  Voltage: N/A Location: N/A
9	Supporting Structures	Wood
10	Participation with other Utilities	None
11	Purpose of Planned Expansion	Rebuild/Rehab of 0.9 miles 69 kV line based on condition assessment
12	Consequence of Line Construction Deferment Or Termination	Potential risk of transmission outages
13	Miscellaneous	PJM RTEP #: sNNNN

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PUCO FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

ATSI-Toldeo Edison

1	Line Name and Number	Midway-Napoleon 69kV Line Rebuild (10.8 mi)
2	Point of Origin and Termination	Midway T: Midway O: Napoleon
3	Right of Way	Existing
4	Voltage	69,000 Volts
5	Application for Certificate	Not applicable-below 125 kV threshold
6	Construction	Commence: 2019 Complete: 2019 Operation: 2019
7	Capital Investment	\$16.9 M
8	Substations	No. of planned substations: None  Voltage: N/A Location: N/A
9	Supporting Structures	Wood
10	Participation with other Utilities	None
11	Purpose of Planned Expansion	Rebuild/Rehab of 10.8 miles 69 kV line based on condition assessment
12	Consequence of Line Construction Deferment Or Termination	Potential risk of transmission outages
13	Miscellaneous	PJM RTEP #: sNNNN

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PUCO FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

ATSI-Toldeo Edison

1	Line Name and Number	Ironville-Locust 69kV Rehab
2	Point of Origin and Termination	Ironville T: Ironville O: Locust
3	Right of Way	Existing
4	Voltage	69,000 Volts
5	Application for Certificate	Not applicable-below 125 kV threshold
6	Construction	Commence: 2019 Complete: 2020 Operation: 2020
7	Capital Investment	\$3.6 M
8	Substations	No. of planned substations: None  Voltage: N/A Location: N/A
9	Supporting Structures	Wood
10	Participation with other Utilities	None
11	Purpose of Planned Expansion	Rebuild/Rehab of 3.6miles 69 kV line based on condition assessment
12	Consequence of Line Construction Deferment Or Termination	Potential risk of transmission outages
13	Miscellaneous	PJM RTEP #: sNNNN

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PUCO FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

ATSI-Toldeo Edison

1	Line Name and Number	Maroe-Malinta Network and 69kV Conversion Project
2	Point of Origin and Termination	Maroe T: Weston O: Richland
3	Right of Way	Proposed
4	Voltage	69,000 Volts
5	Application for Certificate	Not applicable-below 125 kV threshold
6	Construction	Commence: 2020 Complete: 2021 Operation: 2021
7	Capital Investment	\$7.8 M
8	Substations	No. of planned substations: None  Voltage: N/A Location: N/A
9	Supporting Structures	Wood
10	Participation with other Utilities	None
11	Purpose of Planned Expansion	Build a new 69 kV circuit (5.6 miles)
12	Consequence of Line Construction Deferment Or Termination	Potential risk of transmission outages
13	Miscellaneous	PJM RTEP #: sNNNN



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PUCO FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

ATSI-Ohio Edison

1	Line Name and Number	Brookside-Homer 69kV Rebuild
2	Point of Origin and Termination	Brookside T: Brookside O: Homer
3	Right of Way	Proposed
4	Voltage	69,000 Volts
5	Application for Certificate	Not applicable-below 125 kV threshold
6	Construction	Commence: 2017 Complete: 2018 Operation: 2018
7	Capital Investment	\$31.5 M
8	Substations	No. of planned substations: None  Voltage: N/A Location: N/A
9	Supporting Structures	Wood
10	Participation with other Utilities	None
11	Purpose of Planned Expansion	Rebuild Structures and reconductor 21.3 miles of 69 kV transmission line based on condition assessment
12	Consequence of Line Construction Deferment Or Termination	Potential risk of transmission outages
13	Miscellaneous	PJM RTEP #: s1478

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PUCO FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

ATSI-Ohio Edison

1	Line Name and Number	Chittenden 69kV Sub Expansion
2	Point of Origin and Termination	Chittenden-Darrow T: Chittenden O: Darrow
	Point of Origin and Termination	Chittenden-West Akron T: Chittenden O: West Akron
3	Right of Way	Proposed
4	Voltage	69,000 Volts
5	Application for Certificate	Not applicable-below 125 kV threshold
6	Construction	Commence: 2018 Complete: 2018 Operation: 2018
7	Capital Investment	\$7.8 M
8	Substations	No. of planned substations: None  Voltage: N/A Location: N/A
9	Supporting Structures	Wood
10	Participation with other Utilities	None
11	Purpose of Planned Expansion	Rebuild 9.8 miles of 69 kV transmission line to double circuit construction; eliminate three terminal line and network radial lines
12	Consequence of Line Construction Deferment Or Termination	Potential risk of transmission outages
13	Miscellaneous	PJM RTEP #: s1220

4901:5-5-04(D)(1)

PUCO FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

ATSI-Toledo Edison

1	Line Name and Number	New Switching Station Near Exit 2 Project
2	Point of Origin and Termination	T: West Unity O: Holiday City
3	Right of Way	Proposed
4	Voltage	69,000 Volts
5	Application for Certificate	Not applicable-below 125 kV threshold
6	Construction	Commence: 2020 Complete: 2020 Operation: 2020
7	Capital Investment	\$10.5 M
8	Substations	No. of planned substations: None  Voltage: N/A Location: N/A
9	Supporting Structures	Wood
10	Participation with other Utilities	None
11	Purpose of Planned Expansion	Extend the West Unity tap-Holiday City tap line approximately 2.4 miles into the new 69 kV ring bus
12	Consequence of Line Construction Deferment Or Termination	Potential risk of transmission outages
13	Miscellaneous	PJM RTEP #: sNNNN

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PUCO FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

ATSI-Ohio Edison

1	Line Name and Number	Interstate Chemical - New Transmission Customer
2	Point of Origin and Termination	T: Interstate Chemical O: Ironville
3	Right of Way	Proposed
4	Voltage	69,000 Volts
5	Application for Certificate	Not applicable-below 125 kV threshold
6	Construction	Commence: 2018 Complete: 2018 Operation: 2018
7	Capital Investment	\$1.9 M
8	Substations	No. of planned substations: None  Voltage: N/A Location: N/A
9	Supporting Structures	Wood
10	Participation with other Utilities	None
11	Purpose of Planned Expansion	Build 0.8 mile 69 kV extension line
12	Consequence of Line Construction Deferment Or Termination	Unable to provide service to new retail customer connection
13	Miscellaneous	PJM RTEP #: sNNNN

## PUCO FORM FE-T10: SUMMARY OF PROPOSED SUBSTATIONS

ATSI-Ohio Edison Company Area

<u>Substation Name:</u>	<u>Type of Substation</u>	<u>Voltage (kV)</u>	<u>Timing</u>	<u>Line Association(s):</u>	<u>Line Existing or Proposed:</u>
Adams	Transmission	69 kV 69 kV 69 kV	ISD: 12/18	Create 5 Breaker Ring Bus Adams-Carriage 69 kV (Reconfigured / Renamed Line) Adams-Shinrock 69 kV (Reconfigured / Renamed Line)	N/A Existing Existing
Streetsboro	Transmission	69 kV 69 kV 69 kV	ISD: 06/20	Create 5 Breaker Ring Bus Streetsboro-Darrow 69 kV (Reconfigured / Renamed Line) Streetsboro-Ravenna 69 kV (Reconfigured / Renamed Line) Streetsboro-Shalersville 69 kV (Reconfigured / Renamed Line)	N/A Existing Existing Existing
Chittenden	Transmission	69 kV 69 kV 69 kV	ISD: 12/18	Add 4 breakers Chittenden-Darrow (Reconfigured / Renamed Line) Chittenden-West Akron (Reconfigured / Renamed Line)	N/A Existing Existing
Leffels Lane	Transmission	69 kV 69 kV 69 kV	ISD: 11/18	Create 4 Breaker Ring Bus Leffels Lane-Clark 69 kV (Reconfigured / Renamed Line) Leffels Lane-East Springfield 69 kV (Reconfigured / Renamed Line)	N/A Existing Existing
Dilworth	Transmission	69 kV 69 kV 69 kV 69 kV	ISD: 11/18	Create 5 Breaker Ring Bus Dilworth-Garrettsville 69 kV (Reconfigured / Renamed Line) Dilworth-Maysville 69 kV (Reconfigured / Renamed Line) Dilworth-Masury 69 kV (Reconfigured / Renamed Line)	N/A Existing Existing Existing
Stevens	Transmission	69 kV 69 kV 69 kV 69 kV	ISD: 11/19	Create Breaker Ring Bus Stevens-Galion 69 kV (Reconfigured / Renamed Line) Stevens-Galion Muni 69 kV (Reconfigured / Renamed Line) Stevens-Leaside 69 kV (Reconfigured / Renamed Line)	N/A Existing Existing Existing
Tyrrell	Transmission	69 kV 69 kV 69 kV 69 kV	ISD: 6/19	Create 4 Breaker Ring Bus Tyrrell-Salt Springs 69 kV Line (Reconfigured / Renamed Line) Tyrrell-Aero 69 kV Line (Reconfigured / Renamed Line) Tyrrell-Masury 69 kV Line (Reconfigured / Renamed Line)	N/A Existing Existing Existing
Tangy	Transmission	69 kV	ISD: 12/18	Rebuild into 5 Breaker Ring Bus	N/A
Shenango	Transmission	138/69 kV 69 kV 69 kV 69 kV 69 kV 69 kV	ISD: 12/21	Install two Transformers Create 6 Breaker Ring Bus Masury-Shenango 69 kV (Reconfigured / Renamed Line) Sharon-Shenango 69 kV (Reconfigured / Renamed Line) Cedar Street(Hillcrest)-Shenango 69 kV (Reconfigured / Renamed Line) Cedar Street(Bedford) - Shenango 69 kV (Reconfigured / Renamed Line)	N/A N/A Existing Existing Existing Existing

## PUCO FORM FE-T10: SUMMARY OF PROPOSED SUBSTATIONS

ATSI-Toledo Edison Company Area

<u>Substation Name:</u>	<u>Type of Substation</u>	<u>Voltage (kV)</u>	<u>Timing</u>	<u>Line Association(s):</u>	<u>Line Existing or Proposed:</u>
Exit 2	Transmission	69 kV 69 kV	ISD: 6/20	Create 3 Breaker Ring Bus Extend West Unity-Holiday City tap line (2.6 Miles) Exit 2A-Bryon 69 kV Line (Reconfigured / Renamed Line) Exit 2A-East Fayette 69 kV Line (Reconfigured / Renamed Line) Exit 2A-West Unity 69 kV Line (Reconfigured / Renamed Line)	N/A Proposed Existing Existing Existing
Ford Road	Transmission	69 kV 69 kV 69 kV	ISD: 12/18	Create 4 Breaker Ring Bus Ford Road-Vulcan 69 kV Line (Reconfigured / Renamed Line) Ford Road-Maclean 69 kV Line (Reconfigured / Renamed Line)	N/A Existing Existing
Interstate Chemical	Transmission	69 kV	ISD: 4/18	New Customer-New station Ironville-Locust Tap-Interstate Chemical 69kV Line Extension	N/A Proposed
Ryan	Transmission	69 kV 69 kV 69 kV 69 kV 69 kV	ISD: 3/20	Create 6 Breaker Ring Bus Ryan-Oakdale 69 kV Transmission Line (Reconfigured Line) Ryan-Collins Park 69 kV Transmission Line (Reconfigured Line) Ryan-Sun Oil #1 69 kV Transmission Line (Reconfigured Line) Ryan-Locust 69 kV Transmission Line (Reconfigured Line)	N/A Existing Existing Existing Existing
Weston	Transmission	69 kV 69 kV	ISD: 12/21	Create 5 Breaker Ring Bus Weston-Richland 69 kV Line (Rebuild / New line) Weston-Malinta 34.5 kV Line (Convert to 69 kV) Richland-Maroe 34.5kV Line (Convert to 69 kV)	N/A Proposed

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**Case No(s). 18-0449-EL-FOR**

Summary: Report Supplemental Pages to the Long-Term Forecast Report electronically filed by Ms. Tamera J Singleton on behalf of Ohio Edison Company and The Cleveland Electric Illuminating Company and The Toledo Edison Company and American Transmission Systems Incorporated and Fanelli, Santino L. Mr.