

May 9, 2017

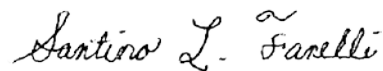
Mrs. Barcy McNeal
Commission Secretary
The Public Utilities Commission of Ohio
180 East Broad Street
Columbus, OH 43215

SUBJECT: Case No. 17-913-EL-FOR

Dear Mrs. McNeal:

Please file the attached pages on behalf of Ohio Edison Company, The Cleveland Electric Illuminating Company, and The Toledo Edison Company pertaining to the Long-Term Forecast Report. The attached Forms T-9 and T-10 supplant the pages filed on April 17, 2017 in the above referenced docket.

Sincerely,

A handwritten signature in cursive script that reads "Santino L. Fanelli".

Santino L. Fanelli
Director, Rates & Regulatory Affairs

Enclosures

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

PUCO FORM FE3-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES**ATSI-Ohio Edison Company Area**

1	Line Name and Number	Clark-Broadview-E.Springfield: Create 138kV Loop around City of Springfield
2	Point of Origin and Termination	O - Point on the existing East Springfield-Tangy 138 kV Transmission Line T- existing Broadview distribution substation
3	Right of Way	Length in mile: 3.5 Average width in feet: 60 Number of transmission lines above 125 kV: 2
4	Voltage	138,000 Volts
5	Application for Certificate	OPSB Application submitted January 2017.
6	Construction	Commence: 2019 Complete: 2020 Operation: 2020
7	Capital Investment	\$29,199,685 (includes Broadview-Clark 138 kV and Broadview-Urbana 138 kV)
8	Substations	No. of planned substations: None Voltage: N/A Location: N/A
9	Supporting Structures	Wood Poles
10	Participation with other Utilities	None
11	Purpose of Planned Transmission Line	Provide ATSI system with redundancy.
12	Consequence of Line Construction Deferment Or Termination	Reduced area reliability.
13	Miscellaneous	

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

PUCO FORM FE3-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES**ATSI-Toledo Edison Company Area**

1	Line Name and Number	Construct a new transmission line from the Ridgeville 3-terminal point to Stryker on open tower position with 336 ACSR. The new transmission line will share the same towers with existing line. Midway-Richland 138kV Richland-Wauseon 138kV
2	Point of Origin and Termination	Midway-Richland 138kV O: Midway T: Richland Richland-Wauseon 138kV O: Richland T: Wauseon
3	Right of Way	Existing
4	Voltage	138,000 Volts
5	Application for Certificate	Anticipated to be submitted as a OPSB Letter of Notification at future date.
6	Construction	Commence: 2020 Complete: 2020 Operation: 2020
7	Capital Investment	\$608,465
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	Coordinate with line relay replacement projects. Improve reliability.
12	Consequence of Line Construction Deferment Or Termination	Reduced area reliability.
13	Miscellaneous	

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

PUCO FORM FE3-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES**ATSI-Toledo Edison Company Area**

1	Line Name and Number	Eliminate three terminal line by constructing a double circuit line towards Wauseon substation. Wauseon substation will need to incorporate a new 138kV line exit by adding a 138kV breaker and relaying. Midway-Richland 138kV Richland-Stryker 138kV
2	Point of Origin and Termination	Midway-Richland 138kV O: Midway T: Richland Richland-Stryker 138kV O: Richland T: Stryker
3	Right of Way	Existing
4	Voltage	138,000 Volts
5	Application for Certificate	Anticipated to be submitted as a OPSB Letter of Notification at future date.
6	Construction	Commence: 2020 Complete: 2020 Operation: 2020
7	Capital Investment	\$9,724,200
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	Coordinate with line relay replacement projects. Improve reliability.
12	Consequence of Line Construction Deferment	Reduced area reliability.
13	Miscellaneous	

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PUCO FORM FE3-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES**ATSI-Ohio Edison Company Area**

1	Line Name and Number	West Fremont - Hayes 138 kV #2
2	Point of Origin and Termination	West Fremont - Hayes 138 kV #2 O: West Fremont T: Hayes
3	Right of Way	Existing
4	Voltage	138,000 Volts
5	Application for Certificate	Anticipated to be submitted as a OPSB Letter of Notification at future date, with construction concurrent with West Fremont-Groton-Hayes 138 kV.
6	Construction	Commence: 2018 Complete: 2019 Operation: 2019
7	Capital Investment	\$7,391,027
8	Substations	No. of planned substations: None Voltage: N/A Location: N/A
9	Supporting Structures	Steel Towers
10	Participation with other Utilities	None
11	Purpose of Planned Transmission Line	System reinforcements needed due to generation retirements.
12	Consequence of Line Construction Deferral Or Termination	Reduced area reliability.
13	Miscellaneous	PJM RTEP #b2560

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PUCO FORM FE3-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES**ATSI-Ohio Edison Company Area**

1	Line Name and Number	Black River - Lorain 138 kV
2	Point of Origin and Termination	Black River - Lorain 138 kV O: Black River T: Lorain
3	Right of Way	Existing
4	Voltage	138,000 Volts
5	Application for Certificate	OPSB Letter of Notification filed July 2016 and approved October 2016.
6	Construction	Commence: 2016 Complete: 2017 Operation: 2017
7	Capital Investment	\$7,530,000
8	Substations	No. of planned substations: None Voltage: N/A Location: N/A
9	Supporting Structures	Steel Towers
10	Participation with other Utilities	None
11	Purpose of Planned Transmission Line	Rebuild 5.96 miles with 795kcmil ACSS. Needed as the result of a 2019 RTEP Generation Deliverability Analysis.
12	Consequence of Line Construction Deferment Or Termination	Reduced area reliability.
13	Miscellaneous	PJM RTEP #b2559

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PUCO FORM FE3-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES**ATSI-Illuminating Company Area**

1	Line Name and Number	Inland 138 kV Transmission Substation expansion
2	Point of Origin and Termination	Inland 138 kV Transmission Substation
3	Right of Way	Existing
4	Voltage	138,000 Volts
5	Application for Certificate	Construction Notice submitted to OPSB February 2016, approved March 2016.
6	Construction	Commence: 2016 Complete: 2016 Operation: 2016
7	Capital Investment	\$14,764,000
8	Substations	No. of planned substations: None Voltage: N/A Location: N/A
9	Supporting Structures	Steel
10	Participation with other Utilities	None
11	Purpose of Planned Expansion	Replacement of old equipment
12	Consequence of Line Construction Deferment Or Termination	Reduced area reliability.
13	Miscellaneous	None

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PUCO FORM FE3-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES**ATSI-Ohio Edison Area**

1	Line Name and Number	West Fremont-Groton-Hayes 138kV Line
2	Point of Origin and Termination	West Fremont-Groton-Hayes O: Point on the West Fremont - Hayes 138kV Transmission Line T: Groton
3	Right of Way	New
4	Voltage	138,000 Volts
5	Application for Certificate	OPSB Siting Application filed December 2013 and approved August 2014
6	Construction	Commence: 2014 Complete: 2018 Operation: 2018
7	Capital Investment	\$35,783,700
8	Substations	No. of planned substations: 1 Groton Substation Voltage: 138-69kV Location: 8600 Ohio Rt. 269, Bellevue, OH [41°19'56.78"N, 82°49'53.73"W]
9	Supporting Structures	Wood poles, Steel towers
10	Participation with other Utilities	None
11	Purpose of Planned Expansion	Construct a new 138-69kV substation on the new Hayes - West Fremont line.
12	Consequence of Line Construction Deferral Or Termination	Reduced area reliability.
13	Miscellaneous	RPA #: COH-13-111013-162318

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PUCO FORM FE3-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES**ATSI-Toledo Edison Area**

1	Line Name and Number	Richland J Bus - Richland K Bus 138kV line - Close N.O. switch A-13404
2	Point of Origin and Termination	Richland - Ayersville T: Richland O: Ayersville Richland - Defiance T: Richland O: Defiance
3	Right of Way	Existing
4	Voltage	138,000 Volts
5	Application for Certificate	No OPSB filing anticipated
6	Construction	Commence: 2017 Complete: 2018 Operation: 2018
7	Capital Investment	\$413,118
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	Close switch A13404, tie switch on 138kV line.
12	Consequence of Line Construction Deferment Or Termination	Reduced area reliability.
13	Miscellaneous	RPA #: WOH-18-140701-095600

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PUCO FORM FE3-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES**ATSI-Ohio Edison Area**

1	Line Name and Number	Highland-Mansfield and Highland-Sammis 345kV Line loops to Lordstown Clean Energy, LLC
2	Point of Origin and Termination	O: Point on the Highland-Mansfield 345kV Line and Highland-Sammis 345kV Lines T: Lordstown Clean Energy LLC 5 breaker ring bus interconnection
3	Right of Way	Existing
4	Voltage	345,000 Volts
5	Application for Certificate	Letter of Notification submitted August 2016, and approved November 2016
6	Construction	Commence: 2016 Complete: 2017 Operation: 2017
7	Capital Investment	\$5,479,000
8	Substations	No. of planned substations: 1 (Developer) Voltage: 345kV Location: 0.5 mile north of the intersection of Hallock Young Road and Goldner Lane in the Village of Lordstown, Trumbull County, Ohio
9	Supporting Structures	Steel
10	Participation with other Utilities	None
11	Purpose of Planned Expansion	Interconnection with new natural gas combined cycle 800MW generating station under construction by Lordstown Clean Energy, LLC
12	Consequence of Line Construction Deferment Or Termination	Commercial generating facility unable to connect to Regional power grid
13	Miscellaneous	RPA #: EOH-14-140626-121513

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PUCO FORM FE3-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES**ATSI-Toledo Edison Area**

1	Line Name and Number	Lemoyne - Midway 138 kV
2	Point of Origin and Termination	Lemoyne - Midway T: Lemoyne SS O: Midway SS
3	Right of Way	Existing
4	Voltage	138,000 Volts
5	Application for Certificate	Construction Notice to be filed with OPSB April 2017.
6	Construction	Commence: 2017 Complete: 2017 Operation: 2017
7	Capital Investment	\$11,890,414
8	Substations	No. of planned substations: None Voltage: N/A Location: N/A
9	Supporting Structures	Steel towers
10	Participation with other Utilities	None
11	Purpose of Planned Expansion	Replace existing conductor due to core corrosion
12	Consequence of Line Construction Deferment Or Termination	Potential conductor failure
13	Miscellaneous	RPA #: TE-16-160413-115193

4901:5-5-04(D)(2)

PUCO FORM FE3-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>
Broadview	Transmission	138 kV 138 kV 138 kV	ISD: 12/19	East Springfield - Clark 138 kV Loop to Broadview Sub Clark - Urbana 138 kV	Existing Proposed Existing
Chamberlin	Transmission	345 - 138 kV	ISD: 6/21	Install 2nd 345/138 kV Transformer	Proposed
East Akron	Transmission	138 kV	ISD: 6/18	Replace 138 kV breaker B-46	Proposed
Groton	Transmission	138 - 69 kV 138 kV 138 kV	ISD: 8/18	Install 138-69 kV transformer Groton-Hayes 138 kV Groton-West Fremont 138 kV	Proposed Proposed Proposed
Greenfield	Transmission	138 kV	ISD: 12/17	Retire Transformer #4	Proposed
Highland	Transmission	345 - 138 kV	ISD: 8/17	Replace Transformer #2	Proposed
Sammis	Transmission	345 kV	ISD: 12/22	Install breakers for CR #2 and CR #4	Proposed
Tangy	Transmission	138 - 69 kV	ISD: 12/17	Replace Transformer #2	Proposed
Beaver	Transmission	345 kV	ISD:12/22 ISD:12/22	Replace Transformer #1 Replace Transformer #2	Proposed Proposed

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PUCO FORM FE3-T10: SUMMARY OF PROPOSED SUBSTATIONS

ATSI-Cleveland Electric Illuminating 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>
Ashtabula	Transmission	345 - 138 kV 138 kV	ISD: 04/17 ISD: 04/17	Replace Transformer #8 Replace 138 kV breaker B-6	Proposed Proposed
Eastlake	Transmission	138 kV	ISD: 12/22	Install bkr on Eastlake 5 Synchronous Condenser	Proposed
Fox	Transmission	345 - 138 kV	ISD: 12/17	Replace Transformer #5	Proposed
Lorain	Transmission	138 kV	ISD: 3/17	Replace 138 kV Breaker Q-23	Proposed

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PUCO FORM FE3-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>
Brim	Transmission	138 - 69 kV	ISD: 5/17	Replace Transformer #1	Proposed

This foregoing document was electronically filed with the Public Utilities

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in

Case No(s). 17-0913-EL-FOR

Summary: Correspondence Updated 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