



2016

LONG-TERM ELECTRIC FORECAST

REPORT

SUBMITTED BY

DUKE ENERGY OHIO, INC.

CASE NO. 16-588-EL-FOR

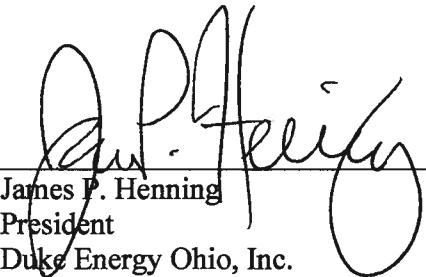
JUNE 1, 2016

Amy B. Spiller
Deputy General Counsel
Elizabeth H. Watts
Associate General Counsel
Duke Energy Ohio, Inc.
139 E. Fourth Street
Cincinnati, Ohio 45201

STATEMENT
OF
JAMES P. HENNING
PRESIDENT, DUKE ENERGY OHIO, INC.

I, James P. Henning, President of Duke Energy Ohio, Inc., hereby certify that the statements and modifications set forth in DUKE ENERGY OHIO, INC.'S 2016 ELECTRIC LONG-TERM FORECAST REPORT AND RESOURCE PLAN as submitted to the Public Utilities Commission of Ohio are true and correct to the best of my knowledge and belief.

I further certify the requirements of paragraphs (F) to (I) of Ohio Administrative Code §4901:5-1-03 will be met.



James P. Henning
President
Duke Energy Ohio, Inc.

CERTIFICATE OF SERVICE


I hereby certify that a true and accurate copy of DUKE ENERGY OHIO, INC.'S 2016 ELECTRIC LONG-TERM FORECAST REPORT AND RESOURCE PLAN was served by electronic delivery, this 1st day of June, 2016 upon the following:

Office of the Ohio Consumers' Counsel

10 West Broad St., Suite 1800

Columbus, OH 43215-3458

Furthermore, a Letter of Notification was sent by First Class U.S. Mail to each library listed in the Report.

A handwritten signature in blue ink that reads "Amy Spiller/mra". The signature is written over a horizontal line.

Amy B. Spiller (0047277)

Deputy General Counsel

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Amy.Spiller@duke-energy.com

**Libraries Receiving a Letter of Notification Regarding Duke Energy Ohio, Inc.'s
2016 Long-Term Forecast Report and Resource Plan**

County	Library	Address
Adams	Manchester Branch Library	401 Pike Street Manchester, OH 45144
Brown	Mary P. Shelton Library	200 West Grant Avenue Georgetown, OH 45121
Butler	Lane Public Library	300 North Third Street Hamilton, OH 45011
Butler	Middletown Public Library	125 South Broad Street Middletown, OH 45044
Clermont	Clermont County Public Library	180 South Third Street Batavia, OH 45103
Clinton	Wilmington Public Library	268 North South Street Wilmington, OH 45177
Hamilton	Public Library of Cincinnati & Hamilton County	800 Vine Street Cincinnati, OH 45202
	University of Cincinnati Library Reference Division	P.O. Box 210033 Cincinnati, OH 45221
Highland	Highland County District Library	10 Willetsville Pike Hillsboro, OH 45133
Montgomery	Dayton & Montgomery County Public Library	215 East Third Street Dayton, OH 45402
Preble	Preble County District Library	450 South Barron Street Eaton, OH 45320
Warren	Lebanon Public Library	101 South Broadway Street Lebanon, OH 45036

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PUCO FORM FE-T1: TRANSMISSION ENERGY DELIVERY FORECAST
(Megawatt Hours/Year) (a)

	YEAR	(1) ENERGY RECEIPTS FROM GENERATION SOURCES CONNECTED TO THE OWNER'S SYSTEM INSIDE OHIO	(2) ENERGY RECEIPTS FROM GENERATION SOURCES CONNECTED TO THE SYSTEM OUTSIDE OHIO	(3) TOTAL ENERGY RECEIPTS FROM GENERATION SOURCES 1 + 2	(4) ENERGY RECEIPTS AT INTERCONNECTIONS WITH OTHER TRANSMISSION COMPANIES	(5) ENERGY RECEIPTS AT INTERCONNECTIONS WITH OTHER TRANSMISSION COMPANIES OUTSIDE OHIO	(6) TOTAL ENERGY RECEIPTS AT INTERCONNECTIONS 4 + 5	(7) TOTAL ENERGY RECEIPTS 3 + 6	(8) ENERGY DELIVERIES AT INTERCONNECTIONS WITH OTHER TRANSMISSION COMPANIES INSIDE OHIO	(9) ENERGY DELIVERIES AT INTERCONNECTIONS WITH OTHER TRANSMISSION COMPANIES OUTSIDE OHIO	(10) TOTAL ENERGY DELIVERIES AT INTERCONNECTIONS 8 + 9	(11) TOTAL ENERGY DELIVERIES FOR LOAD CONNECTED TO THE SYSTEM 7 - 10	(12) ENERGY DELIVERIES FOR LOADS CONNECTED TO THE SYSTEM INSIDE OHIO	(13) ENERGY DELIVERIES FOR LOADS CONNECTED TO THE SYSTEM OUTSIDE OHIO 11 - 12
-5	2011	18,050,941	4,250,267	22,301,208	18,587,741	1,438,293	20,026,034	42,327,242	14,593,650	169,580	14,763,230	27,564,012	23,131,173	4,432,839
-4	2012	16,545,979	3,184,661	19,730,640	19,227,267	1,349,731	20,576,998	40,307,638	13,293,957	219,634	13,513,591	26,794,047	22,570,857	4,223,190
-3	2013	21,136,419	3,708,908	24,845,327	5,624,083	10,408,958	16,033,041	40,878,368	13,398,685	1,253,227	14,651,912	25,654,763	21,371,487	4,283,277
-2	2014	16,526,108	2,912,565	19,438,673	19,634,282	1,159,012	20,793,294	40,231,967	12,941,696	269,313	13,211,009	27,020,958	22,531,338	4,489,620
-1	2015	12,970,578	4,456,234	17,426,812	21,215,216	1,048,075	22,263,291	39,690,103	12,107,842	372,451	12,480,293	27,209,810	22,934,328	4,275,482
0	2016											25,512,983	21,356,001	4,156,983
1	2017											25,654,868	21,487,714	4,167,154
2	2018											25,823,096	21,665,711	4,157,385
3	2019											25,957,144	21,780,953	4,176,191
4	2020											25,961,055	21,795,339	4,165,717
5	2021											25,919,857	21,750,651	4,169,205
6	2022											26,019,573	21,824,980	4,194,593
7	2023											26,146,874	21,922,636	4,224,238
8	2024											26,365,853	22,099,586	4,266,268
9	2025											26,446,087	22,165,564	4,280,523
10	2026											26,573,469	22,268,368	4,305,101

(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)(a)
Duke Energy Ohio BEFORE DSM (e)

		Native Load (b)		Internal Load (c)	
	Year	<u>Summer</u>	<u>Winter (d)</u>	<u>Summer</u>	<u>Winter (d)</u>
-5	2011	4,514	3,182	4,534	3,182
-4	2012	4,412	3,329	4,458	3,329
-3	2013	4,167	3,052	4,167	3,052
-2	2014	4,053	3,662	4,053	3,662
-1	2015	4,049	3,702	4,049	3,702
0	2016	4,111	3,434	4,215	3,434
1	2017	4,143	3,498	4,246	3,498
2	2018	4,161	3,528	4,232	3,528
3	2019	4,197	3,500	4,268	3,500
4	2020	4,151	3,511	4,185	3,511
5	2021	4,209	3,544	4,242	3,544
6	2022	4,254	3,527	4,288	3,527
7	2023	4,276	3,528	4,310	3,528
8	2024	4,297	3,600	4,331	3,600
9	2025	4,292	3,581	4,326	3,581
10	2026	4,342	3,615	4,376	3,615

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

(b) Excludes interruptible load.

(c) Includes interruptible load.

(d) Winter load reference is to peak loads which follow the summer peak load.

(e) Includes historical DSM impacts.

PUCO Form FE-T2 : Electric Transmission Owner's System Seasonal Peak Load Demand Forecast
(Megawatts)(a)

Duke Energy Ohio After DSM (e) (f)

		Native Load (b)		Internal Load (c)	
	Year	<u>Summer</u>	<u>Winter (d)</u>	<u>Summer</u>	<u>Winter (d)</u>
-5	2011	4,514	3,182	4,534	3,182
-4	2012	4,412	3,329	4,458	3,329
-3	2013	4,167	3,052	4,167	3,052
-2	2014	4,053	3,662	4,053	3,662
-1	2015	4,049	3,702	4,049	3,702
0	2016	4,000	3,394	4,103	3,394
1	2017	4,021	3,457	4,124	3,457
2	2018	4,031	3,486	4,102	3,486
3	2019	4,062	3,459	4,133	3,459
4	2020	4,013	3,468	4,047	3,468
5	2021	4,067	3,501	4,101	3,501
6	2022	4,110	3,484	4,144	3,484
7	2023	4,130	3,487	4,164	3,487
8	2024	4,151	3,556	4,185	3,556
9	2025	4,144	3,537	4,177	3,537
10	2026	4,189	3,569	4,223	3,569

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

(b) Excludes interruptible load.

(c) Includes interruptible load.

(d) Winter load reference is to peak loads which follow the summer peak load.

(e) Includes historical DSM impacts.

(f) Historical company peaks not necessarily coincident with system peak.

PUCO Form FE-T3: Electric Transmission Owner's Total Monthly Energy Forecast (MWh)**Duke Energy Ohio After DSM (e)**

<u>2016 (d)</u>	<u>Ohio Portion (a)</u>	<u>Total Company (b)</u>	<u>Total System (c)</u>
January	1,937,296	1,937,296	1,937,296
February	1,812,635	1,812,635	1,812,635
March	1,719,084	1,719,084	1,719,084
April	1,646,874	1,646,874	1,646,874
May	1,595,855	1,595,855	1,595,855
June	1,881,048	1,881,048	1,881,048
July	2,035,062	2,035,062	2,035,062
August	1,969,380	1,969,380	1,969,380
September	1,758,639	1,758,639	1,758,639
October	1,596,617	1,596,617	1,596,617
November	1,616,069	1,616,069	1,616,069
December	1,787,442	1,787,442	1,787,442
<u>2017 (d)</u>			
January	1,957,755	1,957,755	1,957,755
February	1,792,409	1,792,409	1,792,409
March	1,736,284	1,736,284	1,736,284
April	1,667,485	1,667,485	1,667,485
May	1,609,747	1,609,747	1,609,747
June	1,894,003	1,894,003	1,894,003
July	2,045,555	2,045,555	2,045,555
August	1,980,261	1,980,261	1,980,261
September	1,769,306	1,769,306	1,769,306
October	1,615,720	1,615,720	1,615,720
November	1,625,535	1,625,535	1,625,535
December	1,793,654	1,793,654	1,793,654

(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) All data shown is a forecast. There is no actual data shown on this table.

(e) Includes DSM impacts.

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

Internal

Duke Energy Ohio After DSM (e)

<u>2016 (d)</u>	Ohio Portion ^a	Total Service Area ^b	System ^c
January	3,323	3,323	3,323
February	3,352	3,352	3,352
March	2,903	2,903	2,903
April	2,914	2,914	2,914
May	3,158	3,158	3,158
June	4,009	4,009	4,009
July	4,103	4,103	4,103
August	4,002	4,002	4,002
September	3,703	3,703	3,703
October	2,868	2,868	2,868
November	2,849	2,849	2,849
December	3,136	3,136	3,136
<u>2017 (d)</u>			
January	3,361	3,361	3,361
February	3,394	3,394	3,394
March	2,937	2,937	2,937
April	2,956	2,956	2,956
May	3,387	3,387	3,387
June	4,044	4,044	4,044
July	4,124	4,124	4,124
August	4,040	4,040	4,040
September	3,750	3,750	3,750
October	2,891	2,891	2,891
November	2,868	2,868	2,868
December	3,181	3,181	3,181

(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) All data shown is a forecast. There is no actual data shown on this table.

(e) Includes DSM impacts.

Forms FE-T5 and FE-T6 - As of January 1, 2012, PJM took over functional control of the transmission system. Duke Energy Ohio no longer sells transmission or tracks the firmness thereof. Also, the allocation of Available Flowgate Capacity (AFC) became the sole responsibility of PJM. For these reasons, Duke Energy Ohio cannot guarantee the accuracy of the information on these forms. All the data presented on Forms FE-T5 and FE-T6 is for calendar year 2015.

FORM FE-T5 MONTHLY ENERGY TRANSACTIONS (TOTAL MWH/MONTH) FOR THE MOST RECENT YEAR

PART A: SOURCES OF ENERGY

Reporting Month

Jan-15

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	1,877,973	0	1,877,973
Energy Receipts from other sources	1,939,991	0	1,939,991
Total Energy Receipts	3,817,964	0	3,817,964

PART B: DELIVERY OF ENERGY

Reporting Month

Jan-15

1. Energy deliveries to all points connected to the Electric Transmission Owner's system (MWH)

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies	2,259,674	0	2,259,674
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric System	43,394	0	43,394
Municipal-Owned Electric Systems	109,385	0	109,385
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)	1,406,201	0	1,406,201
Total Energy Delivery	3,818,655	0	3,818,655

FORM FE-T5 MONTHLY ENERGY TRANSACTIONS (TOTAL MWH/MONTH) FOR THE MOST RECENT YEAR

Reporting Month

Jan-15

2. Energy deliveries to all points connected to the Electric Transmission Owner's system located in Ohio (MWH)

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies	1,882,726	0	1,882,726
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			0
Municipally-Owned Electric Systems			0
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)	1,294,417	0	1,294,417
Total Energy Delivery	3,177,143	0	3,177,143

PART C: LOSSES AND UNACCOUNTED FOR (MWH)

REPORTING MONTH

Jan-15

	Firm Transmission Service	Non-Firm Transmission Service	Total
Sources minus Delivery (a)	(691)	0	(691)

(a) FE-T5: Part A minus Part B (1)

FORM FE-T5 MONTHLY ENERGY TRANSACTIONS (TOTAL MWH/MONTH) FOR THE MOST RECENT YEAR

PART A: SOURCES OF ENERGY

Reporting Month

Feb-15

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	1,742,669	0	1,742,669
Energy Receipts from other sources	1,855,303	0	1,855,303
Total Energy Receipts	3,597,972	0	3,597,972

PART B: DELIVERY OF ENERGY

Reporting Month

Feb-15

1. Energy deliveries to all points connected to the Electric Transmission Owner's system (MWH)

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies	2,138,039	0	2,138,039
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric System	40,901	0	40,901
Municipal-Owned Electric Systems	104,092	0	104,092
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)	1,289,233	0	1,289,233
Total Energy Delivery	3,572,265	0	3,572,265

FORM FE-T5 MONTHLY ENERGY TRANSACTIONS (TOTAL MWH/MONTH) FOR THE MOST RECENT YEAR

Reporting Month

Feb-15

2. Energy deliveries to all points connected to the Electric Transmission Owner's system located in Ohio (MWH)

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies	1,776,498	0	1,776,498
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			0
Municipally-Owned Electric Systems			0
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)	1,187,812	0	1,187,812
Total Energy Delivery	2,964,310	0	2,964,310

PART C: LOSSES AND UNACCOUNTED FOR (MWH)

REPORTING MONTH

Feb-15

	Firm Transmission Service	Non-Firm Transmission Service	Total
Sources minus Delivery (a)	25,707	0	25,707

(a) FE-T5: Part A minus Part B (1)

FORM FE-T5 MONTHLY ENERGY TRANSACTIONS (TOTAL MWH/MONTH) FOR THE MOST RECENT YEAR

PART A: SOURCES OF ENERGY

Reporting Month

Mar-15

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	1,820,762	0	1,820,762
Energy Receipts from other sources	1,772,158	0	1,772,158
Total Energy Receipts	3,592,920	0	3,592,920

PART B: DELIVERY OF ENERGY

Reporting Month

Mar-15

1. Energy deliveries to all points connected to the Electric Transmission Owner's system (MWH)

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies	2,121,769	0	2,121,769
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric System	35,226	0	35,226
Municipal-Owned Electric Systems	96,316	0	96,316
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)	1,464,847	0	1,464,847
Total Energy Delivery	3,718,159	0	3,718,159

FORM FE-T5 MONTHLY ENERGY TRANSACTIONS (TOTAL MWH/MONTH) FOR THE MOST RECENT YEAR

Reporting Month

Mar-15

2. Energy deliveries to all points connected to the Electric Transmission Owner's system located in Ohio (MWH)

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies	1,771,634	0	1,771,634
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			0
Municipally-Owned Electric Systems			0
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)	1,360,193	0	1,360,193
Total Energy Delivery	3,131,827	0	3,131,827

PART C: LOSSES AND UNACCOUNTED FOR (MWH)

REPORTING MONTH

Mar-15

	Firm Transmission Service	Non-Firm Transmission Service	Total
Sources minus Delivery (a)	(125,239)	0	(125,239)

(a) FE-T5: Part A minus Part B (1)

FORM FE-T5 MONTHLY ENERGY TRANSACTIONS (TOTAL MWH/MONTH) FOR THE MOST RECENT YEAR

PART A: SOURCES OF ENERGY

Reporting Month

Apr-15

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	1,413,611	0	1,413,611
Energy Receipts from other sources	1,609,773	0	1,609,773
Total Energy Receipts	3,023,384	0	3,023,384

PART B: DELIVERY OF ENERGY

Reporting Month

Apr-15

1. Energy deliveries to all points connected to the Electric Transmission Owner's system (MWH)

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies	1,801,618	0	1,801,618
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric System	27,184	0	27,184
Municipal-Owned Electric Systems	81,563	0	81,563
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)	1,210,889	0	1,210,889
Total Energy Delivery	3,121,253	0	3,121,253

FORM FE-T5 MONTHLY ENERGY TRANSACTIONS (TOTAL MWH/MONTH) FOR THE MOST RECENT YEAR

Reporting Month

Apr-15

2. Energy deliveries to all points connected to the Electric Transmission Owner's system located in Ohio (MWH)

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies	1,504,421	0	1,504,421
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			0
Municipally-Owned Electric Systems			0
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)	1,113,584	0	1,113,584
Total Energy Delivery	2,618,005	0	2,618,005

PART C: LOSSES AND UNACCOUNTED FOR (MWH)

REPORTING MONTH

Apr-15

	Firm Transmission Service	Non-Firm Transmission Service	Total
Sources minus Delivery (a)	(97,869)	0	(97,869)

(a) FE-T5: Part A minus Part B (1)

FORM FE-T5 MONTHLY ENERGY TRANSACTIONS (TOTAL MWH/MONTH) FOR THE MOST RECENT YEAR

PART A: SOURCES OF ENERGY

Reporting Month

May-15

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	1,388,542	0	1,388,542
Energy Receipts from other sources	1,786,340	0	1,786,340
Total Energy Receipts	3,174,882	0	3,174,882

PART B: DELIVERY OF ENERGY

Reporting Month

May-15

1. Energy deliveries to all points connected to the Electric Transmission Owner's system (MWH)

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies	1,780,679	0	1,780,679
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric System	29,317	0	29,317
Municipal-Owned Electric Systems	94,806	0	94,806
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)	1,090,567	0	1,090,567
Total Energy Delivery	2,995,369	0	2,995,369

FORM FE-T5 MONTHLY ENERGY TRANSACTIONS (TOTAL MWH/MONTH) FOR THE MOST RECENT YEAR

Reporting Month

May-15

2. Energy deliveries to all points connected to the Electric Transmission Owner's system located in Ohio (MWH)

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies	1,487,929	0	1,487,929
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			0
Municipally-Owned Electric Systems			0
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)	976,773	0	976,773
Total Energy Delivery	2,464,702	0	2,464,702

PART C: LOSSES AND UNACCOUNTED FOR (MWH)

REPORTING MONTH

May-15

	Firm Transmission Service	Non-Firm Transmission Service	Total
Sources minus Delivery (a)	179,513	0	179,513

(a) FE-T5: Part A minus Part B (1)

FORM FE-T5 MONTHLY ENERGY TRANSACTIONS (TOTAL MWH/MONTH) FOR THE MOST RECENT YEAR

PART A: SOURCES OF ENERGY

Reporting Month

Jun-15

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	1,315,060	0	1,315,060
Energy Receipts from other sources	1,995,533	0	1,995,533
Total Energy Receipts	3,310,593	0	3,310,593

PART B: DELIVERY OF ENERGY

Reporting Month

Jun-15

1. Energy deliveries to all points connected to the Electric Transmission Owner's system (MWH)

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies	2,047,679	0	2,047,679
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric System	32,983	0	32,983
Municipal-Owned Electric Systems	105,137	0	105,137
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)	1,008,541	0	1,008,541
Total Energy Delivery	3,194,341	0	3,194,341

FORM FE-T5 MONTHLY ENERGY TRANSACTIONS (TOTAL MWH/MONTH) FOR THE MOST RECENT YEAR

Reporting Month

Jun-15

2. Energy deliveries to all points connected to the Electric Transmission Owner's system located in Ohio (MWH)

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies	1,702,093	0	1,702,093
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			0
Municipally-Owned Electric Systems			0
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)	892,685	0	892,685
Total Energy Delivery	2,594,778	0	2,594,778

PART C: LOSSES AND UNACCOUNTED FOR (MWH)

REPORTING MONTH

Jun-15

	Firm Transmission Service	Non-Firm Transmission Service	Total
Sources minus Delivery (a)	116,252	0	116,252

(a) FE-T5: Part A minus Part B (1)

FORM FE-T5 MONTHLY ENERGY TRANSACTIONS (TOTAL MWH/MONTH) FOR THE MOST RECENT YEAR

PART A: SOURCES OF ENERGY

Reporting Month

Jul-15

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	1,685,735	0	1,685,735
Energy Receipts from other sources	1,969,015	0	1,969,015
Total Energy Receipts	3,654,750	0	3,654,750

PART B: DELIVERY OF ENERGY

Reporting Month

Jul-15

1. Energy deliveries to all points connected to the Electric Transmission Owner's system (MWH)

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies	2,206,414	0	2,206,414
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric System	35,289	0	35,289
Municipal-Owned Electric Systems	116,639	0	116,639
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)	1,188,472	0	1,188,472
Total Energy Delivery	3,546,814	0	3,546,814

FORM FE-T5 MONTHLY ENERGY TRANSACTIONS (TOTAL MWH/MONTH) FOR THE MOST RECENT YEAR

Reporting Month

Jul-15

2. Energy deliveries to all points connected to the Electric Transmission Owner's system located in Ohio (MWH)

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies	1,836,904	0	1,836,904
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			0
Municipally-Owned Electric Systems			0
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)	1,063,867	0	1,063,867
Total Energy Delivery	2,900,771	0	2,900,771

PART C: LOSSES AND UNACCOUNTED FOR (MWH)

REPORTING MONTH

Jul-15

	Firm Transmission Service	Non-Firm Transmission Service	Total
Sources minus Delivery (a)	107,936	0	107,936

(a) FE-T5: Part A minus Part B (1)

FORM FE-T5 MONTHLY ENERGY TRANSACTIONS (TOTAL MWH/MONTH) FOR THE MOST RECENT YEAR

PART A: SOURCES OF ENERGY

Reporting Month

Aug-15

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	1,445,372	0	1,445,372
Energy Receipts from other sources	2,045,720	0	2,045,720
Total Energy Receipts	3,491,092	0	3,491,092

PART B: DELIVERY OF ENERGY

Reporting Month

Aug-15

1. Energy deliveries to all points connected to the Electric Transmission Owner's system (MWH)

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies	2,227,474	0	2,227,474
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric System	34,257	0	34,257
Municipal-Owned Electric Systems	112,872	0	112,872
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)	1,105,109	0	1,105,109
Total Energy Delivery	3,479,712	0	3,479,712

FORM FE-T5 MONTHLY ENERGY TRANSACTIONS (TOTAL MWH/MONTH) FOR THE MOST RECENT YEAR

Reporting Month

Aug-15

2. Energy deliveries to all points connected to the Electric Transmission Owner's system located in Ohio (MWH)

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies	1,854,950	0	1,854,950
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			0
Municipally-Owned Electric Systems			0
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)	981,873	0	981,873
Total Energy Delivery	2,836,823	0	2,836,823

PART C: LOSSES AND UNACCOUNTED FOR (MWH)

REPORTING MONTH

Aug-15

	Firm Transmission Service	Non-Firm Transmission Service	Total
Sources minus Delivery (a)	11,380	0	11,380

(a) FE-T5: Part A minus Part B (1)

FORM FE-T5 MONTHLY ENERGY TRANSACTIONS (TOTAL MWH/MONTH) FOR THE MOST RECENT YEAR

PART A: SOURCES OF ENERGY

Reporting Month

Sep-15

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	1,650,912	0	1,650,912
Energy Receipts from other sources	1,634,908	0	1,634,908
Total Energy Receipts	3,285,820	0	3,285,820

PART B: DELIVERY OF ENERGY

Reporting Month

Sep-15

1. Energy deliveries to all points connected to the Electric Transmission Owner's system (MWH)

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies	2,174,875	0	2,174,875
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric System	30,523	0	30,523
Municipal-Owned Electric Systems	103,285	0	103,285
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)	1,108,621	0	1,108,621
Total Energy Delivery	3,417,304	0	3,417,304

FORM FE-T5 MONTHLY ENERGY TRANSACTIONS (TOTAL MWH/MONTH) FOR THE MOST RECENT YEAR

Reporting Month

Sep-15

2. Energy deliveries to all points connected to the Electric Transmission Owner's system located in Ohio (MWH)

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies	1,809,357	0	1,809,357
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			0
Municipally-Owned Electric Systems			0
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)	996,966	0	996,966
Total Energy Delivery	2,806,323	0	2,806,323

PART C: LOSSES AND UNACCOUNTED FOR (MWH)

REPORTING MONTH

Sep-15

	Firm Transmission Service	Non-Firm Transmission Service	Total
Sources minus Delivery (a)	(131,484)	0	(131,484)

(a) FE-T5: Part A minus Part B (1)

FORM FE-T5 MONTHLY ENERGY TRANSACTIONS (TOTAL MWH/MONTH) FOR THE MOST RECENT YEAR

PART A: SOURCES OF ENERGY

Reporting Month

Oct-15

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	1,289,057	0	1,289,057
Energy Receipts from other sources	1,701,911	0	1,701,911
Total Energy Receipts	2,990,968	0	2,990,968

PART B: DELIVERY OF ENERGY

Reporting Month

Oct-15

1. Energy deliveries to all points connected to the Electric Transmission Owner's system (MWH)

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies	1,806,300	0	1,806,300
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric System	27,946	0	27,946
Municipal-Owned Electric Systems	86,545	0	86,545
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)	1,090,828	0	1,090,828
Total Energy Delivery	3,011,618	0	3,011,618

FORM FE-T5 MONTHLY ENERGY TRANSACTIONS (TOTAL MWH/MONTH) FOR THE MOST RECENT YEAR

Reporting Month

Oct-15

2. Energy deliveries to all points connected to the Electric Transmission Owner's system located in Ohio (MWH)

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies	1,501,966	0	1,501,966
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			0
Municipally-Owned Electric Systems			0
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)	994,500	0	994,500
Total Energy Delivery	2,496,466	0	2,496,466

PART C: LOSSES AND UNACCOUNTED FOR (MWH)

REPORTING MONTH

Oct-15

	Firm Transmission Service	Non-Firm Transmission Service	Total
Sources minus Delivery (a)	(20,650)	0	(20,650)

(a) FE-T5: Part A minus Part B (1)

FORM FE-T5 MONTHLY ENERGY TRANSACTIONS (TOTAL MWH/MONTH) FOR THE MOST RECENT YEAR

PART A: SOURCES OF ENERGY

Reporting Month

Nov-15

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	944,939	0	944,939
Energy Receipts from other sources	1,850,178	0	1,850,178
Total Energy Receipts	2,795,117	0	2,795,117

PART B: DELIVERY OF ENERGY

Reporting Month

Nov-15

1. Energy deliveries to all points connected to the Electric Transmission Owner's system (MWH)

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies	1,719,223	0	1,719,223
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric System	28,790	0	28,790
Municipal-Owned Electric Systems	85,721	0	85,721
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)	904,034	0	904,034
Total Energy Delivery	2,737,767	0	2,737,767

FORM FE-T5 MONTHLY ENERGY TRANSACTIONS (TOTAL MWH/MONTH) FOR THE MOST RECENT YEAR

Reporting Month

Nov-15

2. Energy deliveries to all points connected to the Electric Transmission Owner's system located in Ohio (MWH)

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies	1,437,631	0	1,437,631
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			0
Municipally-Owned Electric Systems			0
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)	812,739	0	812,739
Total Energy Delivery	2,250,370	0	2,250,370

PART C: LOSSES AND UNACCOUNTED FOR (MWH)

REPORTING MONTH

Nov-15

	Firm Transmission Service	Non-Firm Transmission Service	Total
Sources minus Delivery (a)	57,350	0	57,350

(a) FE-T5: Part A minus Part B (1)

FORM FE-T5 MONTHLY ENERGY TRANSACTIONS (TOTAL MWH/MONTH) FOR THE MOST RECENT YEAR

PART A: SOURCES OF ENERGY

Reporting Month

Dec-15

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	852,180	0	852,180
Energy Receipts from other sources	2,102,461	0	2,102,461
Total Energy Receipts	2,954,641	0	2,954,641

PART B: DELIVERY OF ENERGY

Reporting Month

Dec-15

1. Energy deliveries to all points connected to the Electric Transmission Owner's system (MWH)

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies	1,959,236	0	1,959,236
Other Investor-Owned Electric Utilities			
Cooperative-Owned Electric System	22,502	0	22,502
Municipal-Owned Electric Systems	91,277	0	91,277
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)	897,922	0	897,922
Total Energy Delivery	2,970,938	0	2,970,938

FORM FE-T5 MONTHLY ENERGY TRANSACTIONS (TOTAL MWH/MONTH) FOR THE MOST RECENT YEAR

Reporting Month

Dec-15

2. Energy deliveries to all points connected to the Electric Transmission Owner's system located in Ohio (MWH)

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies	1,634,453	0	1,634,453
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			
Municipally-Owned Electric Systems			
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)	804,884	0	804,884
Total Energy Delivery	2,439,337	0	2,439,337

PART C: LOSSES AND UNACCOUNTED FOR (MWH)

REPORTING MONTH

Dec-15

	Firm Transmission Service	Non-Firm Transmission Service	Total
Sources minus Delivery (a)	(16,297)	0	(16,297)

(a) FE-T5: Part A minus Part B (1)

FORM FE-T6: CONDITIONS AT TIME OF MONTHLY PEAK

Reporting Month JANUARY

Megawatts	3,411	Day of Week	Tues	Day of Month	13	Hour of Peak	19:00
				Firm Transmission Service	Non-Firm Transmission Service	Total	
CURTAILMENT PRIORITY CLASSES							
Number of Requests				6		6	
Requests (MW)				1,172		1,172	
Number of requests accepted				3		3	
Requests accepted (MW)				282		282	
							Reason for non-delivery
Requests not accepted (MW) and reason for not accepting delivery				890		890	Withdrawn/ Invalid/ Refused/ Declined/ Annulled/ Retracted

Reporting Month FEBRUARY

Megawatts	3,477	Day of Week	Sat	Day of Month	24	Hour of Peak	8:00
				Firm Transmission Service	Non-Firm Transmission Service	Total	
CURTAILMENT PRIORITY CLASSES							
Number of Requests				6		6	
Requests (MW)				1,172		1,172	
Number of requests accepted				3		3	
Requests accepted (MW)				282		282	
							Reason for non-delivery
Requests not accepted (MW) and reason for not accepting delivery				890		890	Withdrawn/ Invalid/ Refused/ Declined/ Annulled/ Retracted

FORM FE-T6: CONDITIONS AT TIME OF MONTHLY PEAK

Reporting Month MARCH

Megawatts	2,820	Day of Week	Fri	Day of Month	6	Hour of Peak	8:00
				Firm Transmission Service	Non-Firm Transmission Service	Total	
CURTAILMENT PRIORITY CLASSES							
Number of Requests				6		6	
Requests (MW)				1,172		1,172	
Number of requests accepted				3		3	
Requests accepted (MW)				282		282	
							Reason for non-delivery
Requests not accepted (MW) and reason for not accepting delivery				890		890	Withdrawn/ Invalid/ Refused/ Declined/ Annulled/ Retracted

Reporting Month APRIL

Megawatts	2,656	Day of Week	Mon	Day of Month	13	Hour of Peak	14:00
				Firm Transmission Service	Non-Firm Transmission Service	Total	
CURTAILMENT PRIORITY CLASSES							
Number of Requests				6		6	
Requests (MW)				1,172		1,172	
Number of requests accepted				3		3	
Requests accepted (MW)				282		282	
							Reason for non-delivery
Requests not accepted (MW) and reason for not accepting delivery				890		890	Withdrawn/ Invalid/ Refused/ Declined/ Annulled/ Retracted

FORM FE-T6: CONDITIONS AT TIME OF MONTHLY PEAK

Reporting Month MAY

Megawatts	3,564	Day of Week	Fri	Day of Month	29	Hour of Peak	18:00
				Firm Transmission Service	Non-Firm Transmission Service	Total	
CURTAILMENT PRIORITY CLASSES							
Number of Requests				6		6	
Requests (MW)				1,172		1,172	
Number of requests accepted				3		3	
Requests accepted (MW)				282		282	
							Reason for non-delivery
Requests not accepted (MW) and reason for not accepting delivery				890		890	Withdrawn/ Invalid/ Refused/ Declined/ Annulled/ Retracted

Reporting Month JUNE

Megawatts	4,109	Day of Week	Mon	Day of Month	15	Hour of Peak	17:00
				Firm Transmission Service	Non-Firm Transmission Service	Total	
CURTAILMENT PRIORITY CLASSES							
Number of Requests				14		14	
Requests (MW)				3,372		3,372	
Number of requests accepted				5		5	
Requests accepted (MW)				882		882	
							Reason for non-delivery
Requests not accepted (MW) and reason for not accepting delivery				2,490		2,490	Withdrawn/ Invalid/ Refused/ Declined/ Annulled/ Retracted

FORM FE-T6: CONDITIONS AT TIME OF MONTHLY PEAK

Reporting Month JULY

Megawatts	4,308	Day of Week	Wed	Day of Month	29	Hour of Peak	14:00
				Firm Transmission Service	Non-Firm Transmission Service	Total	
CURTAILMENT PRIORITY CLASSES							
Number of Requests				14		14	
Requests (MW)				3,372		3,372	
Number of requests accepted				5		5	
Requests accepted (MW)				882		882	
							Reason for non-delivery
Requests not accepted (MW) and reason for not accepting delivery				2,490		2,490	Withdrawn/ Invalid/ Refused/ Declined/ Annulled/ Retracted

Reporting Month AUGUST

Megawatts	4,029	Day of Week	Mon	Day of Month	31	Hour of Peak	16:00
				Firm Transmission Service	Non-Firm Transmission Service	Total	
CURTAILMENT PRIORITY CLASSES							
Number of Requests				14		14	
Requests (MW)				3,372		3,372	
Number of requests accepted				5		5	
Requests accepted (MW)				882		882	
							Reason for non-delivery
Requests not accepted (MW) and reason for not accepting delivery				2,490		2,490	Withdrawn/ Invalid/ Refused/ Declined/ Annulled/ Retracted

FORM FE-T6: CONDITIONS AT TIME OF MONTHLY PEAK

 Reporting Month **SEPTEMBER**

Megawatts	4,256	Day of Week	Fri	Day of Month	4	Hour of Peak	16:00
				Firm Transmission Service	Non-Firm Transmission Service	Total	
CURTAILMENT PRIORITY CLASSES							
Number of Requests				14		14	
Requests (MW)				3,372		3,372	
Number of requests accepted				5		5	
Requests accepted (MW)				882		882	
							Reason for non-delivery
Requests not accepted (MW) and reason for not accepting delivery				2,490		2,490	Withdrawn/ Invalid/ Refused/ Declined/ Annulled/ Retracted

 Reporting Month **OCTOBER**

Megawatts	2,981	Day of Week	Wed	Day of Month	7	Hour of Peak	16:00
				Firm Transmission Service	Non-Firm Transmission Service	Total	
CURTAILMENT PRIORITY CLASSES							
Number of Requests				14		14	
Requests (MW)				3,372		3,372	
Number of requests accepted				5		5	
Requests accepted (MW)				882		882	
							Reason for non-delivery
Requests not accepted (MW) and reason for not accepting delivery				2,490		2,490	Withdrawn/ Invalid/ Refused/ Declined/ Annulled/ Retracted

FORM FE-T6: CONDITIONS AT TIME OF MONTHLY PEAK

Reporting Month NOVEMBER

Megawatts	3,107	Day of Week	Mon	Day of Month	23	Hour of Peak	8:00
				Firm Transmission Service	Non-Firm Transmission Service	Total	
CURTAILMENT PRIORITY CLASSES							
Number of Requests				14		14	
Requests (MW)				3,372		3,372	
Number of requests accepted				5		5	
Requests accepted (MW)				882		882	
							Reason for non-delivery
Requests not accepted (MW) and reason for not accepting delivery				2,490		2,490	Withdrawn/ Invalid/ Refused/ Declined/ Annulled/ Retracted

Reporting Month DECEMBER

Megawatts	3,093	Day of Week	Fri	Day of Month	18	Hour of Peak	19:00
				Firm Transmission Service	Non-Firm Transmission Service	Total	
CURTAILMENT PRIORITY CLASSES							
Number of Requests				14		14	
Requests (MW)				3,372		3,372	
Number of requests accepted				5		5	
Requests accepted (MW)				882		882	
							Reason for non-delivery
Requests not accepted (MW) and reason for not accepting delivery				2,490		2,490	Withdrawn/ Invalid/ Refused/ Declined/ Annulled/ Retracted

DUKE ENERGY OHIO
4901:5-5-04(C)(1)(a)
FORM FE-T7: CHARACTERISTICS OF EXISTING TRANSMISSION LINES

WHOLLY OWNED TRANSMISSION LINES DESIGNED FOR 138 KV OPERATIONS

CIRCUIT NO. DEO-A	LINE NAME	ORIGIN	TERMINUS	SUMMER CAPABILITY (MVA)		WINTER CAPABILITY (MVA)		VOLTAGE (KV)		R-O-W LENGTH (MILES)	WIDTH (FEET)	SUPPORTING STRUCTURES	NUMBER OF CIRCUITS	SUBSTATIONS ON THE LINE
				NORMAL RATING	EMERGENCY RATING	NORMAL RATING	EMERGENCY RATING	OPER. LEVEL	DESIGN LEVEL					
GE4 684	Evendale-GE Ram Jet Elmwood-Lateral Section 1 Section 2	Evendale Elmwood	Tower No. 2 Lateral	170 226 226	206 275 275	227 302 302	252 336 336	138 138 138	138 138 138	0.17 1.34 2.37	100 100 100	Steel Tower Wood Pole Steel Tower	1 1 2	
689 885 886	Elmwood-Terminal Oakley-Red Bank Oakley-Beckjord Section 1 Section 2	Elmwood Oakley Oakley	Terminal Red Bank Beckjord Beckjord Summerside	261 282 282 301	318 343 343 301	349 377 377 378	389 421 421 378	138 138 138 138	138 138 138 138	1.40 1.09 16.45 1.98	100 100 100 50	Wood Pole Steel Tower Steel Pole & Wood Pole	1 2 1 1	
1180	Ashland-Hittier Section 1 Section 2 Section 3	Ashland	Hittier	230 230 230	280 280 280	308 308 308	343 343 343	138 138 138	138 138 138	0.18 0.31 0.48	100 100 50	Steel Pole Steel Tower Steel Pole & Wood Pole	1 2 1 1	
1263 1269 1284 1286	Mitchell-Brighton Central-Ashland Mitchell-Terminal Mitchell-West End	Mitchell Tower No. 38 Mitchell Mitchell	Brighton Tower No. 54 Terminal West End	92 98 234 230	111 98 284 280	123 122 312 308	136 122 343 343	69 69 138 138	138 138 138 138	4.20 2.98 3.61 8.18	100 100 100 100	Steel Tower Steel Tower Steel Tower Steel Tower	2 2 2 2	Henkel Corp. Cumminsville, Queensgate, Metro Sewer Dist.
1288 1385 1389 1587 1681	Mitchell-Central Charles-West End Charles-West End West End-Crescent Miami Fort-Greendale	Mitchell Charles Charles West End Miami Fort	Central West End West End Ohio/Ky. St. Line Ohio/Ind. St. Line	230 234 234 226 500	280 245 245 275 500	308 267 267 302 679	343 277 277 336 679	138 138 138 138 138	138 138 138 138 138	2.30 1.11 1.12 0.30 0.86	100 100 100 100 100	Steel Tower Underground Underground Steel Tower Steel Tower & Wood Pole	1 1 1 1 1	
1682 1683 1688 1689 1762	Miami Fort-Clifty Creek Miami Fort-Hebron Miami Fort-MFGT Miami Fort-Morgan Trenton-Terminal Section 1 Section 2	Miami Fort Ohio/Ky. St. Line Miami Fort Miami Fort Trenton	Ohio/Ky. St. Line Miami Fort Miami Fort GT Morgan Terminal	136 204 226 226 77 77	136 248 275 275 92 92	181 273 302 302 102 102	181 303 336 336 113 113	138 138 138 138 69 69	138 138 138 138 138 138	0.30 0.13 0.34 8.16 0.45 1.20	100 100 100 100 100 100	Wood H-Frame Steel Tower Wood Pole Steel Tower Steel Tower Wood Pole	1 2 1 2 1 1	
1782 Section 1 Section 2	Terminal-Glenview Section 1 Section 2	Terminal	Glenview	230 230	280 280	308 308	343 343	138 138	138 138	5.03 0.60	100 100	Steel Tower Wood H-Frame	2 1	
1783 Section 1 Section 2 Section 3	Terminal-Ebenezer Section 1 Section 2 Section 3	Terminal	Ebenezer	234 234 234	284 284 284	312 312 312	349 349 349	138 138 138	138 138 138	9.98 3.64 0.13	100 100 100	Steel Tower Wood Pole Wood H-Frame	2 1 1	Midway
1880 Section 1 Section 2	Beckjord-Silver Grove Section 1 Section 2	Beckjord	Ohio/Ky. St. Line	253 253	308 308	339 339	377 377	138 138	138 138	1.00 0.25	100 100	Wood Pole Steel Tower	1 2	
1881 1885 1887	Beckjord-Wilder Beckjord-Tobasco Beckjord-Pierce	Beckjord Beckjord Beckjord	Ohio/Ky. St. Line Tobasco Pierce	166 282 478	201 343 478	221 377 478	245 421 478	138 138 138	138 138 138	0.32 5.84 0.38	100 100 50	Steel Tower Steel Tower Wood Pole & Steel Tower	2 2 1	
1889 2166 2381 2862 2865 2986	Beckjord-Pierce Brighton-Wilder Warren-Clinton County Miami Fort GT-Villa Miami Fort GT-Monsanto Cedarville-Ford Section 1 Section 2	Beckjord Brighton Warren Miami Fort GT Miami Fort GT Cedarville	Pierce Ohio/Ky. St. Line Clinton County Ohio/Ky. St. Line Tower No. 30 Ford	478 83 170 83 113 253 253	478 101 206 101 137 308 308	478 111 227 111 151 339 339	478 123 252 123 168 378 378	138 69 138 69 69 138 138	138 138 138 138 138 138 138	0.22 3.65 16.32 0.14 6.39 5.02 4.86	100 100 100 100 100 100 100	Steel Tower Steel Tower Wood H-Frame Steel Tower Steel Tower Steel Tower Wood Pole	1 2 1 2 2 2 1	
3263 3281 3283	Trenton-Middletown Oxygen Trenton-College Corner N/A	Tower No.1 Trenton Structure	Tower No. 17 Ohio/Ind. St. Line Structure	83 153 170	101 184 206	111 203 227	123 225 252	69 138 138	138 138 138	2.77 24.11 3.94	100 100 90	Steel Tower Steel Tower Wood H-Frame	1 2 1	Collinsville, BREC Huston
3284 3881	Trenton-Todhunter Port Union-Summerside Section 1 Section 2	Trenton Port Union Tower No. 141	Todhunter Summerside Cornell	302 198 266	302 198 266	337 249 333	337 249 333	138 138 138	138 138 138	4.9 22.74 2.87	100 100 50	Wood H-Frame Steel Tower Wood Pole	1 2 1	

DUKE ENERGY OHIO
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FORM FE-T7: CHARACTERISTICS OF EXISTING TRANSMISSION LINES

WHOLLY OWNED TRANSMISSION LINES DESIGNED FOR 138 KV OPERATION

CIRCUIT NO. DEO-A	LINE NAME	ORIGIN	TERMINUS	SUMMER CAPABILITY (MVA)		WINTER CAPABILITY (MVA)		VOLTAGE (KV)		R-O-W LENGTH (MILES)	WIDTH (FEET)	SUPPORTING STRUCTURES	NUMBER OF CIRCUITS	SUBSTATIONS ON THE LINE
				NORMAL RATING	EMERGENCY RATING	NORMAL RATING	EMERGENCY RATING	OPER. LEVEL	DESIGN LEVEL					
3885	Port Union-Fairfield	Port Union	Fairfield	310	310	310	310	138	138	6.59	100	Steel Tower	2	Hall
3886	Port Union-Fairfield	Port Union	Fairfield	198	198	249	249	138	138	6.75	100	Steel Tower	2	Mulhauser
3887	Port Union-Todhunter	Port Union	Todhunter	304	304	390	390	138	138	9.69	100	Steel Tower	2	Millikin
3888	Port Union-Todhunter	Port Union	Todhunter	304	304	390	390	138	138	9.69	100	Steel Tower	2	Beckett
3889	Port Union-City of Hamilton	Port Union	City of Hamilton	253	308	339	377	138	138	4.65	100	Wood Pole	1	
3981	Central-Oakley	Central	Oakley	230	280	308	343	138	138	2.90	100	Steel Tower	2	
3985	Central-Ashland	Central	Ashland	230	280	308	343	138	138	3.43	100	Steel Tower	2	
4187	Lateral-Red Bank	Lateral	Red Bank	230	280	308	343	138	138	2.90	100	Steel Tower	2	
4861	Ivorydale-Terminal	Tower No. 1	Tower No. 5	83	101	111	123	69	138	0.90	100	Steel Tower	2	
5381	Shaker Run-Rockies Express													
	Section 1	Structure 69B	Rockies Express	478	478	478	478	138	138	0.67	50	Steel Pole	1	
	Section 2	Rockies Express	Carlisle	287	287	287	287	138	138	10.58	50	Wood Pole	1	Carlisle, Union
5483	Foster-Port Union													
	Section 1	Port Union	Montgomery	226	275	302	336	138	138	9.19	100	Steel Tower	2	Dimmick, Montgomery
	Section 2	Foster	Tower No. 133	298	298	374	374	138	138	5.90	50	Wood Pole	1	Simpson, Socialville, Twenty Mile
5487	Foster-Remington	Foster	Remington											
	Section 1			253	308	339	378	138	138	13.40	100	Steel Tower	2	Montgomery
	Section 2			170	206	227	252	138	138	4.45	100	Wood Pole	1	Enyart
5489	Foster-Cedarville	Foster	Cedarville	253	308	339	378	138	138	12.23	100	Wood Pole	1	Obannonville
5484	Foster-Warren	Foster	Warren	253	308	339	378	138	138	8.70	100	Wood pole	1	Maineville
5667	Todhunter-Shaker Run	Todhunter	Structure 645A	83	101	111	123	69	138	5.14	100	Wood H-Frame	1	
5680	Todhunter-Warren	Todhunter	Warren	165	202	227	252	138	138	9.55	90	Wood H-Frame	1	Nickel
5682	Todhunter-AK Steel	Todhunter	AK Steel	300	300	300	300	138	138	2.34	100	Steel Tower	2	
5686	Todhunter-AK Steel	Todhunter	AK Steel											
	Section 1			300	300	300	300	138	138	2.34	100	Steel Tower	2	
	Section 2			170	206	227	252	138	138	0.33	100	Steel Tower	1	Dicks Creek
5689	Todhunter-Rockies Express	Structure 69B	Rockies Express	478	478	478	478	138	138	0.63	50	Steel Pole	1	
5781	Fairfield-City of Hamilton	Fairfield	City of Hamilton	253	308	339	378	138	138	6.05	100	Wood Pole	1	
5783	Fairfield-Morgan	Fairfield	Morgan	166	201	221	245	138	138	16.50	100	Steel Tower	2	
5884	Brown-Eastwood	Brown	Eastwood	253	308	339	378	138	138	13.00	100	Wood H-Frame	1	
5886	Brown-Stuart	Brown	Stuart	234	285	213	349	138	138	21.16	100	Wood H-Frame	1	
5985	Wilder-West End	Ohio/Ky. St. Line	West End	253	287	339	351	138	138	0.20	100	Steel Tower	2	
5988	Wilder-Beckjord	Ohio/Ky. St. Line	Beckjord	226	275	302	336	138	138	0.37	100	Steel Tower	2	
6365	Tobasco-Markley	Pole No. 601	Markley	83	101	111	122	69	138	1.70	100	Wood Pole	1	
6864	Miami Fort GT-Ebenezer	Miami Fort GT	Tower No. 30	83	101	111	123	69	138	6.39	100	Steel Tower	2	
6885	Ebenezer-Miami Fort	Ebenezer	Miami Fort											
	Section 1			228	280	313	350	138	138	10.26	100	Steel Tower	2	
	Section 2			226	275	302	336	138	138	4.92	100	Wood Pole	1	
6984	Summerside-Beckjord	Summerside	Beckjord	310	310	310	310	138	138	10.44	100	Steel Tower	2	Clermont
7284	Glenview-Miami Fort	Glenview	Miami Fort											
	Section 1			230	248	308	342	138	138	0.60	100	Wood H-Frame	1	
	Section 2			230	280	308	342	138	138	15.07	100	Steel Tower	2	Kleeman
	Section 3			185	224	246	273	138	138	0.12	100	Wood H-Frame	1	Midway
7481	Red Bank-Terminal													
	Section 1	Tower 117	Cornell	344	423	463	518	138	138	9.10	100	Wood Pole	1	Deer Park
	Section 2	Pole 1493	Cooper	226	274	302	336	138	138	1.19	50	Wood Pole	1	
7484	Red Bank-Ashland	Red Bank	Ashland											
	Section 1			240	300	240	300	138	138	0.96	100	Steel Tower	2	
	Section 2			240	300	240	300	138	138	0.12	100	Wood Pole	1	
	Section 3			240	300	240	300	138	138	4.24	100	Underground	1	
7489	Red Bank-Tobasco	Red Bank	Tobasco											
	Section 1			282	344	378	421	138	138	9.64	100	Steel Tower	2	
	Section 2			282	344	378	421	138	138	0.07	100	Wood Pole	1	
8281	Rochelle-Whittier	Rochelle	Whittier	289	289	289	289	138	138	1.20	50	Underground	1	
8368	Yankee-Manchester	Tower No. 17	Tower No. 20	113	137	151	168	69	138	0.55	100	Steel Tower	1	
8283	Rochelle-Charles	Rochelle	Charles	269	282	307	318	138	138	2.38	100	Underground	1	
8286	Rochelle-Terminal	Rochelle	Terminal											
	Section 1			234	287	307	318	138	138	3.56	100	Steel Tower	2	
	Section 2			234	287	307	318	138	138	1.25	100	Wood Pole	1	
	Section 3			234	282	307	318	138	138	1.32	100	Underground	1	
8481	Eastwood-Ford	Eastwood	Ford											
	Section 1			253	308	339	378	138	138	4.97	100	Wood Pole	1	
	Section 2			253	308	339	378	138	138	1.50	100	Wood Pole	1	

DUKE ENERGY OHIO
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FORM FE-T7: CHARACTERISTICS OF EXISTING TRANSMISSION LINES

WHOLLY OWNED TRANSMISSION LINES DESIGNED FOR 138 KV OPERATION

CIRCUIT NO. DEO-A	LINE NAME	ORIGIN	TERMINUS	SUMMER CAPABILITY (MVA)		WINTER CAPABILITY (MVA)		VOLTAGE (KV)		R-O-W LENGTH (MILES)	WIDTH (FEET)	SUPPORTING STRUCTURES	NUMBER OF CIRCUITS	SUBSTATIONS ON THE LINE
				NORMAL RATING	EMERGENCY RATING	NORMAL RATING	EMERGENCY RATING	OPER. LEVEL	DESIGN LEVEL					
8887	Hillcrest-Eastwood	Hillcrest	Eastwood	306	306	382	382	138	138	9.63	50	Wood pole	1	SCP Eastwood
9482	Remington-Beckjord	Remington	Beckjord	310	310	310	310	138	138	19.08	100	Steel Tower	2	Feldman, Wards Corner
9782	Willey-Fairfield	Willey	Fairfield	198	198	249	249	138	138	8.10	100	Steel Tower	2	
9784	Willey-Miami Fort	Willey	Miami Fort	170	206	227	252	138	138	14.95	100	Steel Tower	2	
9787	Willey-Terminal	Willey	Terminal											
	Section 1			226	275	302	336	138	138	5.68	100	Wood H-Frame	1	Mapleknoll
	Section 2			226	275	302	336	138	138	11.71	100	Wood Pole	1	Mt. Healthy, Finneytown
	Section 3			226	275	302	336	138	138	0.50	100	Steel Tower	2	
13803	Hutchings-College Corner													
	Section 1	Structure 1101	Trenton	170	206	227	252	138	138	4.91	100	Wood H-Frame	1	
	Section 2	Trenton	Tower 129	170	206	227	252	138	138	24.06	100	Steel Tower	2	

DUKE ENERGY OHIO
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FORM FE-T7: CHARACTERISTICS OF EXISTING TRANSMISSION LINES
WHOLLY OWNED TRANSMISSION LINES DESIGNED FOR 345 KV OPERATION

CIRCUIT NO. DEO-B	LINE NAME	ORIGIN	TERMINUS	SUMMER CAPABILITY (MVA)		WINTER CAPABILITY (MVA)		VOLTAGE (KV)		R-O-W LENGTH (MILES)	WIDTH (FEET)	SUPPORTING STRUCTURES	NUMBER OF CIRCUITS	SUBSTATIONS ON THE LINE
				NORMAL RATING	EMERGENCY RATING	NORMAL RATING	EMERGENCY RATING	OPER. LEVEL	DESIGN LEVEL					
04	Miami Fort-Tanners Creek	Miami Fort	Ohio/Ky. St. Line	717	824	717	824	345	345	0.32	150	Steel Tower	2	
08	Port Union-Foster	Port Union	Foster											
	Section 1			1195	1315	1195	1315	345	345	11.66	150	Steel Tower	2	
	Section 2			1195	1315	1195	1315	345	345	0.24	150	Steel Tower	1	
13	Terminal-Port Union	Terminal	Port Union											
	Section 1			1195	1315	1195	1315	345	345	0.46	150	Steel Tower	1	
	Section 2			1195	1315	1195	1315	345	345	9.65	150	Steel Tower	2	
14	Miami Fort-Terminal													
	Section 1	Terminal	Ohio/Ky. St. Line	1195	1315	1195	1315	345	345	14.84	150	Steel Tower	2	
	Section 2	Miami Fort	Ohio/Ky. St. Line	1195	1315	1195	1315	345	345	0.32	150	Steel Tower	2	
15	Foster-Todhunter	Foster	Todhunter	1195	1315	1195	1315	345	345	15.79	150	Steel Tower	2	
16	East Bend-Terminal	Ohio/Ky. St. Line	Terminal	1195	1315	1195	1315	345	345	14.84	150	Steel Tower	2	
62	Woodsdale-Todhunter	Woodsdale	Todhunter	1195	1315	1195	1315	345	345	4.68	150	Steel Tower	2	
1883	Beckjord-Red Bank	Beckjord	Red Bank											
	Section 1			282	344	378	421	138	345	0.89	150	Steel Tower	1	
	Section 2			282	344	378	421	138	345	13.82	150	Steel Tower	2	Newtown
4683	Evendale-Port Union	Evendale	Port Union											
	Section 1			344	423	463	518	138	345	0.52	150	Steel Tower	1	
	Section 2			344	423	463	518	138	345	5.48	150	Steel Tower	2	Kemper
4685	Evendale-Terminal	Evendale	Terminal											
	Section 1			382	382	382	382	138	345	0.21	150	Steel Tower	1	
	Section 2			382	382	382	382	138	345	4.02	150	Steel Tower	2	
5381	Shaker Run-Rockies Express	Structure 69A	Rockies Express	478	478	478	478	138	345	2.62	150	Steel Tower	2	
5485	Foster-Shaker Run	Foster	Shaker Run	259	314	345	385	138	345	10.29	150	Steel Tower	2	Park, Bethany
5689	Todhunter-Rockies Express	Todhunter	Structure 69B	478	478	478	478	138	345	6.44	150	Steel Tower	2	
7481	Red Bank-Terminal	Red Bank	Terminal	344	423	463	518	138	345	5.72	150	Stl Twr & Pole	2	Golf Manor

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FORM FE-T7: CHARACTERISTICS OF EXISTING TRANSMISSION LINES

COMMONLY OWNED TRANSMISSION - DEO, AEP AND DP&L COMPANIES
TENANTS IN COMMON WITH UNDIVIDED OWNERSHIP, TOTAL MILEAGE GIVEN

CIRCUIT NO. CCD-B	LINE NAME	ORIGIN	TERMINUS	SUMMER CAPABILITY (MVA)		WINTER CAPABILITY (MVA)		VOLTAGE (KV)		R-O-W LENGTH (MILES)	WIDTH (FEET)	SUPPORTING STRUCTURES	NUMBER OF CIRCUITS	SUBSTATIONS ON THE LINE
				NORMAL RATING	EMERGENCY RATING	NORMAL RATING	EMERGENCY RATING	OPER. LEVEL	DESIGN LEVEL					
01	Beckjord-Pierce	Beckjord	Pierce	500	500	500	500	345	345	0.32	150	Steel Tower	1	
02	Pierce-Foster	Pierce	Foster											
	Section 1			1195	1315	1195	1315	345	345	23.38	150	Steel Tower	2	
	Section 2			1195	1315	1195	1315	345	345	0.57	150	Steel Tower	1	
03	Sugarcreek-Greene	Sugarcreek	Greene	1195	1315	1195	1315	345	345	8.30	150	Steel Tower	1	
06	Greene-Beatty	Greene	Beatty											
	Section 1			1195	1315	1195	1315	345	345	3.66	150	Steel Tower	2	
	Section 2			1195	1315	1195	1315	345	345	45.34	150	Steel Tower	1	
07	Marquis-Bixby	Marquis	Bixby											
	Section 1			1195	1315	1195	1315	345	345	63.16	150	Steel Tower	1	
	Section 2			1195	1315	1195	1315	345	345	8.52	150	Steel Tower	2	
09	Stuart-Greene	Stuart	Greene	1195	1315	1195	1315	345	345	80.38	150	Steel Tower	1	
10	Stuart-Killen	Stuart	Killen Tap	1195	1315	1195	1315	345	345	13.13	150	Steel Tower	1	
11	Stuart-Hillcrest	Stuart	Hillcrest	1255	1374	1255	1374	345	345	32.61	150	Steel Tower	1	
24	Foster-Sugarcreek	Foster	Sugarcreek	1257	1554	1745	1947	345	345	27.33	150	Steel Tower	2	
31	Beatty-Bixby	Beatty	Bixby											
	Section 1			1042	1338	1042	1338	345	345	4.69	150	Steel Tower	1	
	Section 2			1042	1338	1042	1338	345	345	8.52	150	Steel Tower	2	
33	Kirk-Corridor	Kirk	Corridor	1302	1673	1302	1673	345	345	18.36	150	Wood H-Frame	1	
40	Conesville-Hyatt	Conesville	Hyatt											
	Section 1			1195	1374	1195	1374	345	345	66.07	150	Steel Tower	1	
	Section 2			1195	1374	1195	1374	345	345	1.78	150	Wood Pole	1	
	Section 3			1195	1374	1195	1374	345	345	0.48	150	Wood H-Frame	1	
41	Spurlock-Meldahl Dam	Tower #36	Meldahl Dam	1195	1315	1195	1315	345	345	21.78	150	Steel Tower	1	
42	Atlanta-Beatty	Atlanta	Beatty											
	Section 1			1042	1281	1042	1281	345	345	3.68	150	Steel Tower	2	
	Section 2			1042	1281	1042	1281	345	345	25.22	150	Steel Tower	1	
43	Conesville-Bixby	Conesville	Bixby											
	Section 1			1195	1374	1195	1374	345	345	14.87	150	Steel Tower	2	
	Section 2			1195	1374	1195	1374	345	345	50.86	150	Wood H-Frame	1	
44	Zimmer-Port Union	Zimmer	Port Union											
	Section 1			1195	1315	1195	1315	345	345	35.88	150	Steel Tower	2	
	Section 2			1195	1315	1195	1315	345	345	10.03	150	Steel Tower	1	
45	Zimmer-Red Bank	Zimmer	Ohio/Ky. St. Line	1264	1538	1264	1538	345	345	0.43	150	Steel Tower	1	
	Section 1													
	Section 2	Red Bank	Tower No. 24	1195	1315	1195	1315	345	345	10.58	150	Steel Tower	2	
	Section 3	Tower No. 23	Ohio/Ky. St. Line	1195	1315	1195	1315	345	345	0.80	150	Steel Tower	1	
46	Red Bank-Terminal	Red Bank	Terminal											
	Section 1			1195	1315	1195	1315	345	345	5.75	150	Steel Pole	2	
	Section 2			1195	1315	1195	1315	345	345	0.90	150	Steel Tower	2	
47	Bixby-Kirk	Bixby	Kirk											
	Section 1			1302	1673	1302	1673	345	345	14.87	150	Steel Tower	2	
	Section 2			1302	1673	1302	1673	345	345	4.20	150	Wood H-Frame	1	
49	Killen-Marquis	Killen Tap	Marquis	1195	1315	1195	1315	345	345	32.01	150	Steel Tower	1	
52	Stuart-Atlanta	Stuart	Atlanta	1195	1315	1195	1315	345	345	65.00	150	Steel Tower	1	
69	Hillcrest-Foster	Hillcrest	Foster	1551	1551	1793	1793	345	345	26.36	150	Steel Tower	1	
76	Zimmer-Meldahl Dam	Zimmer	Meldahl Dam											
	Section 1			1195	1315	1195	1315	345	345	6.57	150	Steel Tower	1	
	Section 2			1195	1315	1195	1315	345	345	0.78	150	Steel Tower	2	
93	Spurlock-Stuart	Tower #37	Stuart	1195	1315	1195	1315	345	345	7.38	150	Steel Tower	1	

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FORM FE-T7: CHARACTERISTICS OF EXISTING TRANSMISSION LINES

COMMONLY OWNED TRANSMISSION - DEO AND DP&L COMPANIES
TENANTS IN COMMON WITH UNDIVIDED OWNERSHIP, TOTAL MILEAGE GIVEN

CIRCUIT NO. CCD-B	LINE NAME	ORIGIN	TERMINUS	SUMMER CAPABILITY (MVA)		WINTER CAPABILITY (MVA)		VOLTAGE (KV)		R-O-W LENGTH (MILES)	WIDTH (FEET)	SUPPORTING STRUCTURES	NUMBER OF CIRCUITS	SUBSTATIONS ON THE LINE
				NORMAL RATING	EMERGENCY RATING	NORMAL RATING	EMERGENCY RATING	OPER. LEVEL	DESIGN LEVEL					
61	Woodsdale-Todhunter	Woodsdale	Todhunter	1195	1315	1195	1315	345	345	4.68	150	Steel Tower	2	
91	Miami Fort-West Milton	Miami Fort	Tower No. 173											
	Section 1			1195	1315	1195	1315	345	345	33.25	150	Steel Tower	2	
	Section 2			1195	1315	1195	1315	345	345	1.37	150	Steel Tower	1	
92	Miami Fort-Woodsdale	Miami Fort	Woodsdale											
	Section 1			1195	1315	1195	1315	345	345	33.25	150	Steel Tower	2	
	Section 2			1195	1315	1195	1315	345	345	4.82	150	Steel Tower	1	
98	Foster-Bath	Foster	Bath	1195	1315	1195	1315	345	345	40.28	150	Steel Tower	2	

DUKE ENERGY OHIO
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FORM FE-T8: SUMMARY OF EXISTING SUBSTATIONS

SUBSTATION NAME	TYPE*	VOLTAGE(S) (KV)	LINE NAME	LINE NUMBER	EXISTING OR PROPOSED
AK Steel	T	138	Todhunter-AK Steel	5682	Existing
			Todhunter-AK Steel	5686	Existing
			Dicks Creek-AK Steel	1985	Proposed
Ashland	T&D	138	Ashland-Whittier	1180	Existing
			Central-Ashland	3985	Existing
			Red Bank-Ashland	7484	Existing
Beckett	D	138	Port Union-Todhunter	3888	Existing
Beckjord	T	345 & 138	Oakley-Beckjord	886	Existing
			Beckjord-Silver Grove	1880	Existing
			Beckjord-Red Bank	1883	Existing
			Beckjord-Tabasco	1885	Existing
			Beckjord-Pierce	1887	Existing
			Beckjord-Pierce	1889	Existing
			Remington-Beckjord	9482	Existing
			Beckjord-Wilder	1881	Existing
			Wilder-Beckjord	5988	Existing
			Summerside-Beckjord	6984	Existing
			Beckjord-Pierce	4501	Existing
Bethany	D	138	Foster-Shaker Run	5485	Existing
BREC Huston	T	138	Trenton-College Corner	3281	Existing
Brighton	D	69	Mitchell-Brighton	1263	Existing
Brown	D	138	Brown-Stuart	5886	Existing
			Brown-Eastwood	5884	Existing
Carlisle	D	138	Shaker Run-Rockies Express	5381	Existing
Cedarville	D	138	Foster-Cedarville	5489	Existing
			Cedarville-Ford	2986	Existing
			Mitchell-Central	1288	Existing
Central	D	138	Central-Oakley	3981	Existing
			Central-Ashland	3985	Existing
			Charles-West End	1385	Existing
Charles	D	138	Charles-West End	1389	Existing
			Rochelle-Charles	8283	Existing
			Mitchell-West End	1286	Existing
Cinti. M.S.D.	T	138	Port Union-City of Ham.	3889	Existing
City of Hamilton	T	138	Fairfield-City of Hamilton	5781	Existing
			Summerside-Beckjord	6984	Existing
Clermont	D	138	Warren-Clinton Co.	2381	Existing
Clinton County	D	138	Trenton-College Corner	3281	Existing
Collinsville	D	138	Red Bank-Terminal	7481	Existing
Cooper	D	138	Red Bank-Terminal	7481	Existing
Cornell	D	138	Port Union-Summerside	3881	Existing
			Mitchell-West End	1286	Existing
Cummins ville	D	138	Red Bank-Terminal	7481	Existing
Deer Park	D	138	Todhunter-AK Steel	5686	Existing
Dicks Creek	T	138	Todhunter-Dicks Creek	5682	Proposed
			Dicks Creek-AK Steel	1985	Proposed
			Foster-Port Union	5483	Existing
Dimmick	D	138			

* DISTRIBUTION(D) TRANSMISSION (T)

DUKE ENERGY OHIO
4901:5-5-04(C)(1)(b)
FORM FE-T8: SUMMARY OF EXISTING SUBSTATIONS

SUBSTATION NAME	TYPE*	VOLTAGE(S) (KV)	LINE NAME	LINE NUMBER	EXISTING OR PROPOSED
Eastwood	D	138	Brown-Eastwood	5884	Existing
			Eastwood-Ford	8481	Existing
			Hillcrest-Eastwood	8887	Existing
Ebenezer	D	138	Terminal-Ebenezer	1783	Existing
			Ebenezer-Miami Fort	6885	Existing
Elmwood	D	138	Elmwood-Lateral	684	Existing
			Elmwood-Terminal	689	Existing
Enyart	D	138	Foster-Remington	5487	Existing
Evendale	D	138	Evendale-Port Union	4683	Existing
			Evendale-Terminal	4685	Existing
			Evendale-General Electric	GE4	Existing
Fairfield	D	138	Fairfield-Morgan	5783	Existing
			Port Union-Fairfield	3885	Existing
			Fairfield-City of Hamilton	5781	Existing
			Port Union-Fairfield	3886	Existing
			Willey-Fairfield	9782	Existing
Feldman	D	138	Remington-Beckjord	9482	Existing
Finneytown	D	138	Willey-Terminal	9787	Existing
Ford	D	138	Foster-Ford	5489	Existing
			Brown-Ford	5884	Existing
Foster	T	345 & 138	Foster-Port Union	5483	Existing
			Foster-Warren	5484	Existing
			Foster-Shaker Run	5485	Existing
			Foster-Remington	5487	Existing
			Foster-Cedarville	5489	Existing
			Pierce-Foster	4502	Existing
			Stuart-Foster	4511	Existing
			Port Union-Foster	4508	Existing
			Foster-Todhunter	4515	Existing
			Foster-Sugarcreek	4524	Existing
			Foster-Garver	4515	Proposed
Glenview	D	138	Terminal-Glenview	1782	Existing
			Miami Fort-Glenview	7284	Existing
Golf Manor	D	138	Red Bank-Terminal	7481	Existing
Hall	D	138	Port Union-Fairfield	3885	Existing
Henkel Corp.	D	138	Mitchell-Terminal	1284	Existing
Hillcrest	T & D	345 & 138	Stuart-Hillcrest	4511	Existing
			Foster-Hillcrest	34569	Existing
			Hillcrest-Eastwood	8887	Existing
Kemper	D	138	Evendale-Port Union	4683	Existing
Kleeman	D	138	Glenview-Miami Fort	7284	Existing
Lateral	D	138	Elmwood-Lateral	684	Existing
			Lateral-Red Bank	4187	Existing
Maineville	D	138	Foster-Warren	5484	Existing
Mapleknoll	D	138	Willey-Terminal	9787	Existing

* DISTRIBUTION(D) TRANSMISSION (T)

DUKE ENERGY OHIO
4901:5-5-04(C)(1)(b)
FORM FE-T8: SUMMARY OF EXISTING SUBSTATIONS

SUBSTATION NAME	TYPE*	VOLTAGE(S) (KV)	LINE NAME	LINE NUMBER	EXISTING OR PROPOSED
Meldahl Dam	T	345	Zimmer-Meldahl Dam	34576	Existing
			Spurlock- Meldahl Dam	4541	Existing
Miami Fort	T	345 & 138	Miami Fort-Greendale	1681	Existing
			Miami Fort-Clifty Creek	1682	Existing
			Miami Fort-Hebron	1683	Existing
			Miami Fort-MFGT	1688	Existing
			Miami Fort-Morgan	1689	Existing
			Ebenezer-Miami Fort	6885	Existing
			Glenview-Miami Fort	7284	Existing
			Willey-Miami Fort	9784	Existing
			Miami Fort-Miami	4591	Existing
			Miami Fort-Woodsdale	4592	Existing
			Miami Fort-Tanners Creek	4504	Existing
			Miami Fort-Terminal	4514	Existing
Miami Fort GT	T	138	Miami Fort-MFGT	1688	Existing
			MFGT-Villa	2862	Existing
			MFGT-INEOS	2865	Existing
			MFGT-Ebenezer	6864	Existing
Midway	D	138	Terminal-Ebenezer	1783	Existing
			Miami Fort-Glenview	7284	Existing
Millikin	D	138	Port Union-Todhunter	3887	Existing
Mitchell	D	138	Mitchell-Brighton	1263	Existing
			Mitchell-Terminal	1284	Existing
			Mitchell-West End	1286	Existing
			Mitchell-Central	1288	Existing
Montgomery	D	138	Foster-Remington	5487	Existing
			Foster-Port Union	5483	Existing
Morgan	D	138	Miami Fort-Morgan	1689	Existing
			Fairfield-Morgan	5783	Existing
Mt. Healthy	D	138	Willey-Terminal	9787	Existing
Mulhauser	D	138	Port Union-Willey	3886	Existing
Newtown	D	138	Beckjord-Red Bank	1883	Existing
Nickel	D	138	Warren-Todhunter	5680	Existing
Oakley	D	138	Oakley-Red Bank	885	Existing
			Oakley-Beckjord	886	Existing
			Central-Oakley	3981	Existing
OBannonville	D	138	Foster-Cedarville	5489	Existing
Park	D	138	Foster-Shaker Run	5485	Existing

* DISTRIBUTION(D) TRANSMISSION (T)

DUKE ENERGY OHIO
4901:5-5-04(C)(1)(b)
FORM FE-T8: SUMMARY OF EXISTING SUBSTATIONS

SUBSTATION NAME	TYPE*	VOLTAGE(S) (KV)	LINE NAME	LINE NUMBER	EXISTING OR PROPOSED
Port Union	T & D	345 & 138	Port Union-Summerside	3881	Existing
			Foster-Port Union	5483	Existing
			Port Union-Fairfield	3885	Existing
			Port Union-Fairfield	3886	Existing
			Port Union-Todhunter	3887	Existing
			Port Union-Todhunter	3888	Existing
			Port Union-City of Hamilton	3889	Existing
			Evendale-Port Union	4683	Existing
			Zimmer-Port Union	4544	Existing
			Port Union-Foster	4508	Existing
			Terminal-Port Union	4513	Existing
Queensgate	D	138	Mitchell-West End	1286	Existing
Red Bank	T	345 & 138	Red Bank-Terminal	7481	Existing
			Lateral-Red Bank	4187	Existing
			Beckjord-Red Bank	1883	Existing
			Red Bank-Ashland	7484	Existing
			Oakley-Red Bank	885	Existing
			Red Bank-Tobasco	7489	Existing
			Red Bank-Terminal	4546	Existing
			Zimmer-Red Bank	4545	Existing
Remington	D	138	Remington-Beckjord	9482	Existing
			Foster-Remington	5484	Existing
Rochelle	D	138	Ridgeway-Whittier	8281	Existing
			Rochelle-Charles	8283	Existing
			Rochelle-Terminal	8286	Existing
Rockies Express	T	138	Shaker Run-Rockies Express	5381	Existing
			Todhunter-Rockies Express	5689	Existing
Seward	D	138	Port Union-Hamilton	3889	Existing
Shaker Run	D	138	Foster-Shaker Run	5485	Existing
			Shaker Run-Rockies Express	5381	Existing
Simpson	D	138	Foster-Port Union	5483	Existing
Socialville	D	138	Foster-Port Union	5483	Existing
SCP Eastwood	T	138	Hillcrest-Eastwood	8887	Existing
Summerside	D	138	Beckjord-Oakley-Summerside	886	Existing
			Port Union-Summerside	3881	Existing
			Summerside-Beckjord	6984	Existing
Terminal	T & D	345 & 138	Elmwood-Terminal	689	Existing
			Mitchell-Terminal	1284	Existing
			Terminal-Allen	1762	Existing
			Terminal-Glenview	1782	Existing
			Terminal-Ebenezer	1783	Existing
			Evendale-Terminal	4685	Existing
			Red Bank-Terminal	7481	Existing
			Rochelle-Terminal	8286	Existing
			Wiley-Terminal	9787	Existing

* DISTRIBUTION(D) TRANSMISSION (T)

DUKE ENERGY OHIO
4901:5-5-04(C)(1)(b)
FORM FE-T8: SUMMARY OF EXISTING SUBSTATIONS

SUBSTATION NAME	TYPE*	VOLTAGE(S) (KV)	LINE NAME	LINE NUMBER	EXISTING OR PROPOSED
Terminal (continued)	T & D	345 & 138	Terminal-Port Union	4513	Existing
			Miami Fort-Terminal	4514	Existing
			East Bend-Terminal	4516	Existing
			Red Bank-Terminal	4546	Existing
Tobasco	D	138	Beckjord-Tobasco	1885	Existing
			Red Bank-Tobasco	7489	Existing
Todhunter	T & D	345 & 138	Trenton-Todhunter	3284	Existing
			Port Union-Todhunter	3887	Existing
			Port Union-Todhunter	3888	Existing
			Todhunter-Monroe	5667	Existing
			Warren-Todhunter	5680	Existing
			Todhunter-AK Steel	5682	Existing
			Todhunter-AK Steel	5686	Existing
			Todhunter-Rockies Express	5689	Existing
			Foster-Todhunter	4515	Existing
			Woodsdale-Todhunter	4561	Existing
			Woodsdale-Todhunter	4562	Existing
			Garver-Todhunter	34582	Proposed
Trenton	D	138	Trenton-College Corner	3281	Existing
			Trenton-Todhunter	3284	Existing
			Trenton-Air Products	3263	Existing
			Foster-Port Union	5483	Existing
Twenty Mile Union	D	138	Shaker Run-Rockies Express	5381	Existing
Wards Corner	D	138	Remington-Beckjord	9482	Existing
			Summerside-Port Union	3881	Proposed
Warren	T & D	138	Foster-Warren	5484	Existing
			Warren-Todhunter	5680	Existing
			Warren-Clinton County	2381	Existing
West End	D	138	Mitchell-West End	1286	Existing
			Charles-West End	1385	Existing
			Charles-West End	1389	Existing
			Crescent-West End	1587	Existing
			Wilder-West End	5985	Existing
Whittier	D	138	Ashland-Whittier	1180	Existing
			Ridgeway-Whittier	8281	Existing
Willey	D	138	Willey-Fairfield	9782	Existing
			Willey-Miami Fort	9784	Existing
			Willey-Terminal	9787	Existing
Woodsdale	T	345	Woodsdale-Todhunter	4561	Existing
			Woodsdale-Todhunter	4562	Existing
Zimmer	T	345	Miami Fort-Woodsdale	4592	Existing
			Zimmer-Meldahl Dam	34576	Existing
			Zimmer-Port Union	4544	Existing
			Zimmer-Red Bank	4545	Existing

* DISTRIBUTION(D) TRANSMISSION (T)

DUKE ENERGY OHIO
4901:5-5-04(D)(1)
FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

- | | | |
|-----|---|--|
| 1. | Line Name:
Line Number: | Miami Fort-Clifty Creek
DEO-A1682 |
| 2. | Point of Origin:
Terminus: | Miami Fort Substation
Ohio/Kentucky State Line |
| 3. | Right-of-Way, Length:
Average Width:
Number of Circuits: | approximately 1800 feet
100 feet
1 transmission line above 125 kV |
| 4. | Voltage: | 138 kV design and operate voltage |
| 5. | Application for Certificate: | 1/2017 |
| 6. | Construction to Commence:
Commercial Operation: | 9/2017
12/2017 |
| 7. | Capital Investment: | \$500,000 |
| 8. | Substations: | none |
| 9. | Supporting Structures: | steel poles |
| 10. | Participation with
other Utilities: | DEO – 100% |
| 11. | Purpose of the planned
transmission line: | re-route existing line to allow expansion
of Miami Fort 345 kV switchyard |
| 12. | Consequences of Line
Construction deferment or
Termination: | inability to expand 345 kV switchyard |
| 13. | Miscellaneous: | area to be served is primarily south-west
Hamilton County. |

DUKE ENERGY OHIO
4901:5-5-04(D)(1)
FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

- | | | |
|-----|---|--|
| 1. | Line Name:
Line Number: | Port Union-Fairfield
DEO-A3886 |
| 2. | Point of Origin:
Terminus: | Tap Feeder 3886 (Port Union side)
East Provident Substation (proposed) |
| 3. | Right-of-Way, Length:
Average Width:
Number of Circuits: | approximately 175 feet
50 feet
1 transmission line above 125 kV |
| 4. | Voltage: | 138 kV design and operate voltage |
| 5. | Application for Certificate: | 1/2017 |
| 6. | Construction to Commence:
Commercial Operation: | 9/2017
12/2017 |
| 7. | Capital Investment: | \$150,000 |
| 8. | Substations: | East Provident Substation, 138 kV |
| 9. | Supporting Structures: | steel poles |
| 10. | Participation with
other Utilities: | DEO – 100% |
| 11. | Purpose of the planned
transmission line: | supply new substation to provide 12.47 kV
distribution system capacity |
| 12. | Consequences of Line
Construction deferment or
Termination: | inability to supply 12.47 kV distribution
load |
| 13. | Miscellaneous: | area to be served is primarily north-central
Hamilton County and south-central Butler
County |

DUKE ENERGY OHIO
4901:5-5-04(D)(1)
FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

- | | | |
|-----|---|--|
| 1. | Line Name:
Line Number: | Port Union-Fairfield
DEO-A3886 |
| 2. | Point of Origin:
Terminus: | Tap Feeder 3886 (Fairfield side)
East Provident Substation (proposed) |
| 3. | Right-of-Way, Length:
Average Width:
Number of Circuits: | approximately 175 feet
50 feet
1 transmission line above 125 kV |
| 4. | Voltage: | 138 kV design and operate voltage |
| 5. | Application for Certificate: | 1/2017 |
| 6. | Construction to Commence:
Commercial Operation: | 9/2017
12/2017 |
| 7. | Capital Investment: | \$150,000 |
| 8. | Substations: | East Provident Substation, 138 kV |
| 9. | Supporting Structures: | steel poles |
| 10. | Participation with
other Utilities: | DEO – 100% |
| 11. | Purpose of the planned
transmission line: | supply new substation to provide 12.47 kV
distribution system capacity |
| 12. | Consequences of Line
Construction deferment or
Termination: | inability to supply 12.47 kV distribution
load |
| 13. | Miscellaneous: | area to be served is primarily north-central
Hamilton County and south-central Butler
County |

DUKE ENERGY OHIO
4901:5-5-04(D)(1)
FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

- | | | |
|-----|---|---|
| 1. | Line Name:
Line Number: | Foster-Warren
DEO-A5484 |
| 2. | Point of Origin:
Terminus: | Tap Feeder 5484 (Foster side)
Columbia Substation (proposed) |
| 3. | Right-of-Way, Length:
Average Width:
Number of Circuits: | approximately 175 feet
50 feet
1 transmission line above 125 kV |
| 4. | Voltage: | 138 kV design and operate voltage |
| 5. | Application for Certificate: | 1/2018 |
| 6. | Construction to Commence:
Commercial Operation: | 9/2018
12/2018 |
| 7. | Capital Investment: | \$150,000 |
| 8. | Substations: | Columbia Substation, 138 kV |
| 9. | Supporting Structures: | wood and/or steel poles |
| 10. | Participation with
other Utilities: | DEO – 100% |
| 11. | Purpose of the planned
transmission line: | supply new substation to provide 12.47 kV
distribution system capacity |
| 12. | Consequences of Line
Construction deferment or
Termination: | inability to supply 12.47 kV distribution
load |
| 13. | Miscellaneous: | area to be served is primarily west-central
Warren County |

DUKE ENERGY OHIO
4901:5-5-04(D)(1)
FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

- | | | |
|-----|---|---|
| 1. | Line Name:
Line Number: | Foster-Warren
DEO-A5484 |
| 2. | Point of Origin:
Terminus: | Tap Feeder 5484 (Warren side)
Columbia Substation (proposed) |
| 3. | Right-of-Way, Length:
Average Width:
Number of Circuits: | approximately 175 feet
50 feet
1 transmission line above 125 kV |
| 4. | Voltage: | 138 kV design and operate voltage |
| 5. | Application for Certificate: | 1/2018 |
| 6. | Construction to Commence:
Commercial Operation: | 9/2018
12/2018 |
| 7. | Capital Investment: | \$150,000 |
| 8. | Substations: | Columbia Substation, 138 kV |
| 9. | Supporting Structures: | wood and/or steel poles |
| 10. | Participation with
other Utilities: | DEO – 100% |
| 11. | Purpose of the planned
transmission line: | supply new substation to provide 12.47 kV
distribution system capacity |
| 12. | Consequences of Line
Construction deferment or
Termination: | inability to supply 12.47 kV distribution
load |
| 13. | Miscellaneous: | area to be served is primarily west-central
Warren County |

DUKE ENERGY OHIO
4901:5-5-04(D)(1)
FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

- | | | |
|-----|---|---|
| 1. | Line Name:
Line Number: | West End-Mitchell
DEO-A1286 |
| 2. | Point of Origin:
Terminus: | Tap Feeder 1286 (West End side)
South Fairmount Substation (proposed) |
| 3. | Right-of-Way, Length:
Average Width:
Number of Circuits: | approximately 175 feet
50 feet
1 transmission line above 125 kV |
| 4. | Voltage: | 138 kV design and operate voltage |
| 5. | Application for Certificate: | 1/2017 |
| 6. | Construction to Commence:
Commercial Operation: | 9/2017
12/2017 |
| 7. | Capital Investment: | \$150,000 |
| 8. | Substations: | South Fairmount Substation, 138 kV |
| 9. | Supporting Structures: | steel poles |
| 10. | Participation with
other Utilities: | DEO – 100% |
| 11. | Purpose of the planned
transmission line: | supply new substation to provide 12.47 kV
distribution system capacity |
| 12. | Consequences of Line
Construction deferment or
Termination: | inability to supply 12.47 kV distribution
load |
| 13. | Miscellaneous: | area to be served is primarily south-central
Hamilton County |

DUKE ENERGY OHIO
4901:5-5-04(D)(1)
FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

- | | | |
|-----|---|---|
| 1. | Line Name:
Line Number: | West End-Mitchell
DEO-A1286 |
| 2. | Point of Origin:
Terminus: | Tap Feeder 1286 (Mitchell side)
South Fairmount Substation (proposed) |
| 3. | Right-of-Way, Length:
Average Width:
Number of Circuits: | approximately 175 feet
50 feet
1 transmission line above 125 kV |
| 4. | Voltage: | 138 kV design and operate voltage |
| 5. | Application for Certificate: | 1/2017 |
| 6. | Construction to Commence:
Commercial Operation: | 9/2017
12/2017 |
| 7. | Capital Investment: | \$150,000 |
| 8. | Substations: | South Fairmount Substation, 138 kV |
| 9. | Supporting Structures: | steel poles |
| 10. | Participation with
other Utilities: | DEO – 100% |
| 11. | Purpose of the planned
transmission line: | supply new substation to provide 12.47 kV
distribution system capacity |
| 12. | Consequences of Line
Construction deferment or
Termination: | inability to supply 12.47 kV distribution
load |
| 13. | Miscellaneous: | area to be served is primarily south-central
Hamilton County |

DUKE ENERGY OHIO
4901:5-5-04(D)(1)
FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

- | | | |
|-----|---|---|
| 1. | Line Name:
Line Number: | Foster-Garver
DEO-B4515 |
| 2. | Point of Origin:
Terminus: | Tap Feeder 4515 (Foster side)
Garver Substation (proposed) |
| 3. | Right-of-Way, Length:
Average Width:
Number of Circuits: | approximately 1200 feet
150 feet
1 transmission line above 125 kV |
| 4. | Voltage: | 345 kV design and operate voltage |
| 5. | Application for Certificate: | 9/2016 |
| 6. | Construction to Commence:
Commercial Operation: | 1/2017
6/2017 |
| 7. | Capital Investment: | \$1,500,000 |
| 8. | Substations: | Garver Substation, 345 kV |
| 9. | Supporting Structures: | steel poles |
| 10. | Participation with
other Utilities: | DEO – 100% |
| 11. | Purpose of the planned
transmission line: | connect independent power producer to
345 kV transmission system |
| 12. | Consequences of Line
Construction deferment or
Termination: | inability to interconnect with independent
power producer |
| 13. | Miscellaneous: | substation located in east-central
Butler County |

DUKE ENERGY OHIO
4901:5-5-04(D)(1)
FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

- | | | |
|-----|---|---|
| 1. | Line Name:
Line Number: | Todhunter-Garver
DEO-B34582 |
| 2. | Point of Origin:
Terminus: | Tap Feeder 4515 (Todhunter side)
Garver Substation (proposed) |
| 3. | Right-of-Way, Length:
Average Width:
Number of Circuits: | approximately 1200 feet
150 feet
1 transmission line above 125 kV |
| 4. | Voltage: | 345 kV design and operate voltage |
| 5. | Application for Certificate: | 9/2016 |
| 6. | Construction to Commence:
Commercial Operation: | 1/2017
6/2017 |
| 7. | Capital Investment: | \$1,500,000 |
| 8. | Substations: | Garver Substation, 345 kV |
| 9. | Supporting Structures: | steel poles |
| 10. | Participation with
other Utilities: | DEO – 100% |
| 11. | Purpose of the planned
transmission line: | connect independent power producer to
345 kV transmission system |
| 12. | Consequences of Line
Construction deferment or
Termination: | inability to interconnect with independent
power producer |
| 13. | Miscellaneous: | substation located in east-central
Butler County |

DUKE ENERGY OHIO
4901:5-5-04(D)(1)
FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

- | | | |
|-----|---|---|
| 1. | Line Name:
Line Number: | Todhunter-Warren
DEO-A5680 |
| 2. | Point of Origin:
Terminus: | Todhunter Substation
Nickel Substation |
| 3. | Right-of-Way, Length:
Average Width:
Number of Circuits: | approximately 3.35 miles
90 feet
1 transmission line above 125 kV |
| 4. | Voltage: | 138 kV design and operate voltage |
| 5. | Application for Certificate: | 9/2016 |
| 6. | Construction to Commence:
Commercial Operation: | 1/2017
6/2017 |
| 7. | Capital Investment: | \$2,500,000 |
| 8. | Substations: | none |
| 9. | Supporting Structures: | wood and/or steel poles |
| 10. | Participation with
other Utilities: | DEO – 100% |
| 11. | Purpose of the planned
transmission line: | increase capacity of the existing Todhunter
to Nickel portion of DEO-A5680 |
| 12. | Consequences of Line
Construction deferment or
Termination: | overload of existing conductor during
various outage conditions |
| 13. | Miscellaneous: | area served is primarily east-central
Butler County |

DUKE ENERGY OHIO
4901:5-5-04(D)(1)
FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

- | | | |
|-----|---|---|
| 1. | Line Name:
Line Number: | Port Union-Summerside
DEO-A3881 |
| 2. | Point of Origin:
Terminus: | Tap Feeder 3881 (Port Union side)
Wards Corner Substation |
| 3. | Right-of-Way, Length:
Average Width:
Number of Circuits: | approximately 100 feet
50 feet
1 transmission line above 125 kV |
| 4. | Voltage: | 138 kV design and operate voltage |
| 5. | Application for Certificate: | 9/2018 |
| 6. | Construction to Commence:
Commercial Operation: | 5/2019
6/2019 |
| 7. | Capital Investment: | \$75,000 |
| 8. | Substations: | Wards Corner Substation, 138 kV |
| 9. | Supporting Structures: | wood or steel poles |
| 10. | Participation with
other Utilities: | DEO – 100% |
| 11. | Purpose of the planned
transmission line: | transfer supply to Wards Corner Substation
from line DEO-A9482 to line DEO-A3881 |
| 12. | Consequences of Line
Construction deferment or
Termination: | overload of line DEO-A9482 for various
outage contingencies |
| 13. | Miscellaneous: | area to be served is primarily north-east
Hamilton County and north-west Clermont County |

DUKE ENERGY OHIO
4901:5-5-04(D)(1)
FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

- | | | |
|-----|---|---|
| 1. | Line Name:
Line Number: | Port Union-Summerside
DEO-A3881 |
| 2. | Point of Origin:
Terminus: | Tap Feeder 3881 (Summerside side)
Wards Corner Substation |
| 3. | Right-of-Way, Length:
Average Width:
Number of Circuits: | approximately 100 feet
50 feet
1 transmission line above 125 kV |
| 4. | Voltage: | 138 kV design and operate voltage |
| 5. | Application for Certificate: | 9/2018 |
| 6. | Construction to Commence:
Commercial Operation: | 5/2019
6/2019 |
| 7. | Capital Investment: | \$75,000 |
| 8. | Substations: | Wards Corner Substation, 138 kV |
| 9. | Supporting Structures: | wood or steel poles |
| 10. | Participation with
other Utilities: | DEO – 100% |
| 11. | Purpose of the planned
transmission line: | transfer supply to Wards Corner Substation
from line DEO-A9482 to line DEO-A3881 |
| 12. | Consequences of Line
Construction deferment or
Termination: | overload of line DEO-A9482 for various
outage contingencies |
| 13. | Miscellaneous: | area to be served is primarily north-east
Hamilton County and north-west Clermont County |

DUKE ENERGY OHIO
4901:5-5-04(D)(1)
FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

- | | | |
|-----|---|---|
| 1. | Line Name:
Line Number: | Fairfield-Morgan
DEO-A5783 |
| 2. | Point of Origin:
Terminus: | Tap Feeder 5783
Morgan Substation |
| 3. | Right-of-Way, Length:
Average Width:
Number of Circuits: | approximately 1.25 miles
50 feet
1 transmission line above 125 kV |
| 4. | Voltage: | 138 kV design and operate voltage |
| 5. | Application for Certificate: | 6/2017 |
| 6. | Construction to Commence:
Commercial Operation: | 12/2017
6/2018 |
| 7. | Capital Investment: | \$1,000,000 |
| 8. | Substations: | none |
| 9. | Supporting Structures: | steel poles |
| 10. | Participation with
other Utilities: | DEO – 100% |
| 11. | Purpose of the planned
transmission line: | re-route line DEO-A5783 out of Morgan
Substation to eliminate common structures
with line DEO-A1689 |
| 12. | Consequences of Line
Construction deferment or
Termination: | possible loss of both circuits to Morgan
Substation for tower contingencies |
| 13. | Miscellaneous: | area to be served is primarily western
Hamilton County |

DUKE ENERGY OHIO
4901:5-5-04(D)(1)
FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

- | | | |
|-----|---|---|
| 1. | Line Name:
Line Number: | Todhunter-AK Steel
DEO-A5686 |
| 2. | Point of Origin:
Terminus: | Dicks Creek Substation
Tower no. 54A |
| 3. | Right-of-Way, Length:
Average Width:
Number of Circuits: | approximately 0.33 mile
150 feet
1 transmission line above 125 kV |
| 4. | Voltage: | 138 kV design and operate voltage |
| 5. | Application for Certificate: | 6/2017 |
| 6. | Construction to Commence:
Commercial Operation: | 12/2017
6/2018 |
| 7. | Capital Investment: | \$250,000 |
| 8. | Substations: | none |
| 9. | Supporting Structures: | steel towers |
| 10. | Participation with
other Utilities: | DEO – 100% |
| 11. | Purpose of the planned
transmission line: | increase capacity of the existing Tower
54A to Dicks Creek portion of DEO-A5686 |
| 12. | Consequences of Line
Construction deferment or
Termination: | overload of existing conductor during
various outage conditions |
| 13. | Miscellaneous: | New conductor to be installed on existing towers.
Area to be served is primarily western Butler County |

DUKE ENERGY OHIO
4901:5-5-04(D)(1)
FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

- | | | |
|-----|---|--|
| 1. | Line Name:
Line Number: | Todhunter-AK Steel
DEO-A1985 (proposed) |
| 2. | Point of Origin:
Terminus: | Dicks Creek Substation
Tower no. 54A |
| 3. | Right-of-Way, Length:
Average Width:
Number of Circuits: | approximately 0.33 mile
150 feet
1 transmission line above 125 kV |
| 4. | Voltage: | 138 kV design and operate voltage |
| 5. | Application for Certificate: | 6/2017 |
| 6. | Construction to Commence:
Commercial Operation: | 12/2017
6/2018 |
| 7. | Capital Investment: | \$250,000 |
| 8. | Substations: | none |
| 9. | Supporting Structures: | steel towers |
| 10. | Participation with
other Utilities: | DEO – 100% |
| 11. | Purpose of the planned
transmission line: | Allow loop feed of Dicks Creek Substation
from DEO-A5682 and DEO-A1985 (proposed,
existing section of DEO-A5682 north of Dicks
Dicks Creek will become DEO-A1985) |
| 12. | Consequences of Line
Construction deferment or
Termination: | Dicks Creek Generating Station will continue to be
supplied via a radial tap |
| 13. | Miscellaneous: | New conductor to be installed on existing towers.
Area to be served is primarily western Butler County |

DUKE ENERGY OHIO
4901:5-5-04(D)(2)
FORM FE-T10: SUMMARY OF PROPOSED SUBSTATIONS

Substation Name: East Provident

Voltage(s): 138 kV, 12.47 kV

Type of Substation: Distribution (D)

Timing: 2017

Line Association(s): DEO-A3886

Minimum Substation Site Acreage: Approximately 5 acres

DUKE ENERGY OHIO
4901:5-5-04(D)(2)
FORM FE-T10: SUMMARY OF PROPOSED SUBSTATIONS

Substation Name: South Fairmount Substation

Voltage(s): 138 kV, 12.47 kV

Type of Substation: Distribution (D)

Timing: 2017

Line Association(s): DEO-A1286

Minimum Substation Site Acreage: Approximately 2 acres

DUKE ENERGY OHIO
4901:5-5-04(D)(2)
FORM FE-T10: SUMMARY OF PROPOSED SUBSTATIONS

Substation Name: Garver

Voltage(s): 345 kV

Type of Substation: Transmission (T)

Timing: 2017

Line Association(s): DEO-B4515, DEO-B34582

Minimum Substation Site Acreage: Approximately 10 acres

DUKE ENERGY OHIO
4901:5-5-04(D)(2)
FORM FE-T10: SUMMARY OF PROPOSED SUBSTATIONS

Substation Name: Columbia

Voltage(s): 138 kV, 12.47 kV

Type of Substation: Distribution (D)

Timing: 2018

Line Association(s): DEO-A5484

Minimum Substation Site Acreage: Approximately 5 acres

PUCO Form FE-D1 : EDU Service Area Energy Delivery Forecast
(Megawatt Hours/Year) (a)
Duke Energy Ohio (d)

		1	2	3	4	5(a)	5(b)	6	7	8
	Year	Residential	Commercial	Industrial	Transportation (b)	Other (c)	Energy Efficiency and Demand Response (e)	Total End Use Delivery (f)	Line Losses and Company Use	Total Energy
								1+2+3+4+5(a)-5(b)		6+7
-5	2011	7,377,474	6,516,096	4,941,843	-	1,477,855		20,313,268	2,314,497	22,627,765
-4	2012	7,140,194	6,338,963	4,983,947	-	1,395,918		19,859,022	2,626,509	22,485,531
-3	2013	7,236,187	6,366,993	4,976,458	-	1,458,186		20,037,824	1,333,662	21,371,487
-2	2014	7,383,476	6,398,779	5,158,802	-	1,519,064		20,460,120	1,304,756	21,764,876
-1	2015	7,321,047	6,414,961	5,191,619	-	1,471,342		20,398,969	1,144,955	21,543,924
0	2016	7,172,319	6,366,742	5,216,410	-	1,464,941	(1,206,810)	21,427,223	1,135,588	22,562,811
1	2017	7,203,567	6,352,785	5,323,488	-	1,464,846	(1,309,563)	21,654,248	1,143,029	22,797,277
2	2018	7,281,818	6,378,958	5,392,818	-	1,459,631	(1,387,691)	21,900,915	1,152,488	23,053,402
3	2019	7,363,380	6,368,683	5,439,121	-	1,451,213	(1,440,422)	22,062,819	1,158,556	23,221,375
4	2020	7,428,179	6,319,747	5,444,508	-	1,443,580	(1,477,664)	22,113,678	1,159,325	23,273,003
5	2021	7,433,968	6,244,637	5,473,755	-	1,441,326	(1,508,420)	22,102,106	1,156,965	23,259,071
6	2022	7,483,189	6,219,848	5,518,287	-	1,442,779	(1,537,151)	22,201,253	1,160,877	23,362,131
7	2023	7,534,276	6,211,382	5,566,584	-	1,444,377	(1,562,745)	22,319,364	1,166,017	23,485,381
8	2024	7,603,547	6,253,523	5,618,913	-	1,448,268	(1,570,500)	22,494,751	1,175,335	23,670,086
9	2025	7,601,301	6,263,998	5,669,099	-	1,452,366	(1,595,535)	22,582,298	1,178,801	23,761,099
10	2026	7,610,927	6,297,819	5,720,979	-	1,454,431	(1,643,633)	22,727,789	1,184,211	23,912,000

(a) To be filled out by all EDUs. The category breakdown should refer to the Ohio portion of the EDU's total service area.

(b) Transportation includes railroads & railways.

(c) Other includes street & highway lighting, public authorities, interdepartmental sales, and wholesale

(d) Historical class numbers include the impact of DSM programs in place at the time. Forecast numbers have not been reduced for energy efficiency impacts.

(e) Historical numbers represent incremental impacts of energy efficiency programs. Forecast numbers represent cumulative impacts.

(f) Historical numbers include the impact of DSM programs in place at the time. Forecast numbers include losses.

PUCO Form FE-D1 : EDU Service Area Energy Delivery Forecast

(Megawatt Hours/Year) (a)

Duke Energy Ohio After DSM (d)

		1	2	3	4	5	6	7	8
	Year	Residential	Commercial	Industrial	Transportation (b)	Other (c)	Total End Use Delivery	Line Losses and Company Use	Total Energy
							1+2+3+4+5		6+7
-5	2011	7,377,474	6,516,096	4,941,843	-	1,477,855	20,313,268	2,314,497	22,627,765
-4	2012	7,140,194	6,338,963	4,983,947	-	1,395,918	19,859,022	2,626,509	22,485,531
-3	2013	7,236,187	6,366,993	4,976,458	-	1,458,186	20,037,824	1,333,662	21,371,487
-2	2014	7,383,476	6,398,779	5,158,802	-	1,519,064	20,460,120	1,304,756	21,764,876
-1	2015	7,321,047	6,414,961	5,191,619	-	1,471,342	20,398,969	1,144,955	21,543,924
0	2016	7,172,319	6,366,742	5,216,410	-	1,464,941	20,220,412	1,135,588	21,356,001
1	2017	7,203,567	6,352,785	5,323,488	-	1,464,846	20,344,685	1,143,029	21,487,714
2	2018	7,281,818	6,378,958	5,392,818	-	1,459,631	20,513,224	1,152,488	21,665,711
3	2019	7,363,380	6,368,683	5,439,121	-	1,451,213	20,622,398	1,158,556	21,780,953
4	2020	7,428,179	6,319,747	5,444,508	-	1,443,580	20,636,013	1,159,325	21,795,339
5	2021	7,433,968	6,244,637	5,473,755	-	1,441,326	20,593,686	1,156,965	21,750,651
6	2022	7,483,189	6,219,848	5,518,287	-	1,442,779	20,664,103	1,160,877	21,824,980
7	2023	7,534,276	6,211,382	5,566,584	-	1,444,377	20,756,619	1,166,017	21,922,636
8	2024	7,603,547	6,253,523	5,618,913	-	1,448,268	20,924,251	1,175,335	22,099,586
9	2025	7,601,301	6,263,998	5,669,099	-	1,452,366	20,986,763	1,178,801	22,165,564
10	2026	7,610,927	6,297,819	5,720,979	-	1,454,431	21,084,157	1,184,211	22,268,368

(a) To be filled out by all EDUs. The category breakdown should refer to the Ohio portion of the EDU's total service area.

(b) Transportation includes railroads & railways.

(c) Other includes street & highway lighting, public authorities, interdepartmental sales, and wholesale

(d) Historical numbers include the impact of DSM programs in place at the time.

PUCO Form FE-D3 : EDU System Seasonal Peak Load Demand Forecast (c)
(Megawatts)(a)
Duke Energy Ohio Before DSM

		Native				Internal			
	Year	<u>Summer</u>	Demand Response	<u>Net Summer</u>	<u>Winter (b)</u>	<u>Summer</u>	Demand Response	<u>Net Summer</u>	<u>Winter (b)</u>
-5	2011	4,514	0	4,514	3,182	4,534	20	4,514	3,182
-4	2012	4,412	0	4,412	3,329	4,458	47	4,412	3,329
-3	2013	4,167	0	4,167	3,052	4,167	0	4,167	3,052
-2	2014	4,053	0	4,053	3,662	4,053	0	4,053	3,662
-1	2015	4,049	0	4,049	3,702	4,049	0	4,049	3,702
0	2016	4,111	0	4,111	3,434	4,215	103	4,111	3,434
1	2017	4,143	0	4,143	3,498	4,246	103	4,143	3,498
2	2018	4,161	0	4,161	3,528	4,232	71	4,161	3,528
3	2019	4,197	0	4,197	3,500	4,268	71	4,197	3,500
4	2020	4,151	0	4,151	3,511	4,185	34	4,151	3,511
5	2021	4,209	0	4,209	3,544	4,242	34	4,209	3,544
6	2022	4,254	0	4,254	3,527	4,288	34	4,254	3,527
7	2023	4,276	0	4,276	3,528	4,310	34	4,276	3,528
8	2024	4,297	0	4,297	3,600	4,331	34	4,297	3,600
9	2025	4,292	0	4,292	3,581	4,326	34	4,292	3,581
10	2026	4,342	0	4,342	3,615	4,376	34	4,342	3,615

- (a) To be filled out by all EDUs. Data should refer to the Ohio portion of the EDU's total service area.
(b) Winter load reference is to peak loads which follow the summer peak load.
(c) Historical company peaks not necessarily coincident with the system peak.
(d) Figures reflect the impact of historical demand side programs.

PUCO Form FE-D3 : EDU System Seasonal Peak Load Demand Forecast
(Megawatts)(a)
Duke Energy Ohio After DSM

		Native (b)(c)				Internal (b)(c)			
	Year	Summer	Demand Response	Net Summer	Winter (b)	Summer	Demand Response	Net Summer	Winter (b)
-5	2011	4,514	0	4,514	3,182	4,534	20	4,514	3,182
-4	2012	4,412	0	4,412	3,329	4,458	47	4,412	3,329
-3	2013	4,167	0	4,167	3,052	4,167	0	4,167	3,052
-2	2014	4,053	0	4,053	3,662	4,053	0	4,053	3,662
-1	2015	4,049	0	4,049	3,702	4,049	0	4,049	3,702
0	2016	4,000	0	4,000	3,394	4,103	103	4,000	3,394
1	2017	4,021	0	4,021	3,457	4,124	103	4,021	3,457
2	2018	4,031	0	4,031	3,486	4,102	71	4,031	3,486
3	2019	4,062	0	4,062	3,459	4,133	71	4,062	3,459
4	2020	4,013	0	4,013	3,468	4,047	34	4,013	3,468
5	2021	4,067	0	4,067	3,501	4,101	34	4,067	3,501
6	2022	4,110	0	4,110	3,484	4,144	34	4,110	3,484
7	2023	4,130	0	4,130	3,487	4,164	34	4,130	3,487
8	2024	4,151	0	4,151	3,556	4,185	34	4,151	3,556
9	2025	4,144	0	4,144	3,537	4,177	34	4,144	3,537
10	2026	4,189	0	4,189	3,569	4,223	34	4,189	3,569

(a) To be filled out by all EDUs. Data should refer to the Ohio portion of the EDU's total service area.

(b) Winter load reference is to peak loads which follow the summer peak load.

(c) Includes DSM impacts.

PUCO Form FE-D5: EDU's Total Monthly Energy Forecast (MWh)
Duke Energy Ohio Before DSM

<u>2016 (d)</u>				Ohio Service Area	System
January				1,959,068	1,959,068
February				1,850,748	1,850,748
March				1,765,706	1,765,706
April				1,660,091	1,660,091
May				1,669,055	1,669,055
June				1,995,089	1,995,089
July				2,189,146	2,189,146
August				2,135,176	2,135,176
September				1,902,512	1,902,512
October				1,630,646	1,630,646
November				1,781,619	1,781,619
December				2,023,955	2,023,955
<u>2017 (d)</u>					
January				1,981,381	1,981,381
February				1,833,767	1,833,767
March				1,786,875	1,786,875
April				1,681,828	1,681,828
May				1,689,179	1,689,179
June				2,017,754	2,017,754
July				2,212,758	2,212,758
August				2,160,174	2,160,174
September				1,925,429	1,925,429
October				1,652,647	1,652,647
November				1,805,180	1,805,180
December				2,050,305	2,050,305

- (a) To be filled out by all EDUs. Data should refer to the Ohio portion of the EDU's total service area in this column.
 (b) EDUs operating across Ohio boundaries shall provide data for the total service area in this column.
 (c) EDUs operating as a part of an integrated operating system shall provide data for the total system in this column.
 (d) All data shown is a forecast. There is no actual data shown on this table.

**PUCO Form FE-D5: EDU's Total Monthly Energy Forecast (MWh)
Duke Energy Ohio After DSM (e)**

<u>2016 (d)</u>				Ohio Service Area	System
January				1,937,296	1,937,296
February				1,812,635	1,812,635
March				1,719,084	1,719,084
April				1,646,874	1,646,874
May				1,595,855	1,595,855
June				1,881,048	1,881,048
July				2,035,062	2,035,062
August				1,969,380	1,969,380
September				1,758,639	1,758,639
October				1,596,617	1,596,617
November				1,616,069	1,616,069
December				1,787,442	1,787,442
<u>2017 (d)</u>					
January				1,957,755	1,957,755
February				1,792,409	1,792,409
March				1,736,284	1,736,284
April				1,667,485	1,667,485
May				1,609,747	1,609,747
June				1,894,003	1,894,003
July				2,045,555	2,045,555
August				1,980,261	1,980,261
September				1,769,306	1,769,306
October				1,615,720	1,615,720
November				1,625,535	1,625,535
December				1,793,654	1,793,654

- (a) To be filled out by all EDUs. Data should refer to the Ohio portion of the EDU's total service area in this column.
 (b) EDUs operating across Ohio boundaries shall provide data for the total service area in this column.
 (c) EDUs operating as a part of an integrated operating system shall provide data for the total system in this column.
 (d) All data shown is a forecast. There is no actual data shown on this table.
 (e) Includes DSM impacts.

PUCO Form FE-D6: EDU's Monthly Internal Peak Load Forecast (Megawatts)
Duke Energy Ohio Before DSM

	Native				Internal	
<u>2016 (d)</u>	Ohio Service Area	Demand Response	Net Summer	System	Ohio Service Area	System
January	3,343	0	3,343	3,343	3,343	3,343
February	3,388	0	3,388	3,388	3,388	3,388
March	2,943	0	2,943	2,943	2,943	2,943
April	2,922	0	2,922	2,922	2,922	2,922
May	3,158	56	3,158	3,158	3,214	3,214
June	3,993	103	3,993	3,993	4,097	4,097
July	4,111	103	4,111	4,111	4,215	4,215
August	4,022	103	4,022	4,022	4,126	4,126
September	3,708	103	3,708	3,708	3,812	3,812
October	2,877	12	2,877	2,877	2,889	2,889
November	2,989	1	2,989	2,989	2,990	2,990
December	3,343	1	3,343	3,343	3,343	3,343
<u>2017 (d)</u>						
January	3,381	1	3,381	3,381	3,381	3,381
February	3,434	1	3,434	3,434	3,434	3,434
March	2,979	1	2,979	2,979	2,980	2,980
April	2,965	1	2,965	2,965	2,965	2,965
May	3,386	62	3,386	3,386	3,448	3,448
June	4,036	103	4,036	4,036	4,139	4,139
July	4,143	103	4,143	4,143	4,246	4,246
August	4,072	103	4,072	4,072	4,175	4,175
September	3,765	103	3,765	3,765	3,868	3,868
October	2,888	26	2,888	2,888	2,914	2,914
November	3,007	13	3,007	3,007	3,021	3,021
December	3,390	13	3,390	3,390	3,403	3,403

(a) To be filled out by all EDUs. Data should refer to the Ohio portion of the EDU's total service area in this column.

(b) EDUs operating across Ohio boundaries shall provide data for the total service area in this column.

(c) EDUs operating as a part of an integrated operating system shall provide data for the total system in this column.

(d) All data shown is a forecast. There is no actual data shown on this table.

PUCO Form FE-D6: EDU's Monthly Internal Peak Load Forecast (Megawatts) (e)
Duke Energy Ohio After DSM (e)

	Native				Internal	
<u>2016 (d)</u>	Ohio Service Area	Demand Response	Net Summer	System	Ohio Service Area	System
January	3,323	0	3,323	3,323	3,323	3,323
February	3,352	0	3,352	3,352	3,352	3,352
March	2,903	0	2,903	2,903	2,903	2,903
April	2,914	0	2,914	2,914	2,914	2,914
May	3,102	56	3,102	3,102	3,158	3,158
June	3,905	103	3,905	3,905	4,009	4,009
July	4,000	103	4,000	4,000	4,103	4,103
August	3,898	103	3,898	3,898	4,002	4,002
September	3,600	103	3,600	3,600	3,703	3,703
October	2,856	12	2,856	2,856	2,868	2,868
November	2,848	1	2,848	2,848	2,849	2,849
December	3,136	1	3,136	3,136	3,136	3,136
<u>2017 (d)</u>						
January	3,360	1	3,360	3,360	3,361	3,361
February	3,394	1	3,394	3,394	3,394	3,394
March	2,936	1	2,936	2,936	2,937	2,937
April	2,955	1	2,955	2,955	2,956	2,956
May	3,325	62	3,325	3,325	3,387	3,387
June	3,941	103	3,941	3,941	4,044	4,044
July	4,021	103	4,021	4,021	4,124	4,124
August	3,937	103	3,937	3,937	4,040	4,040
September	3,647	103	3,647	3,647	3,750	3,750
October	2,865	26	2,865	2,865	2,891	2,891
November	2,854	13	2,854	2,854	2,868	2,868
December	3,167	13	3,167	3,167	3,181	3,181

(a) To be filled out by all EDUs. Data should refer to the Ohio portion of the EDU's total service area in this column.

(b) EDUs operating across Ohio boundaries shall provide data for the total service area in this column.

(c) EDUs operating as a part of an integrated operating system shall provide data for the total system in this column.

(d) All data shown is a forecast. There is no actual data shown on this table.

(e) Includes DSM impacts.

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Summary: Annual Report 2016 Long-Term Electric Forecast Report Submitted by Duke Energy Ohio, Inc. electronically filed by Ms. E Minna Rolfes on behalf of Amy B. Spiller and Elizabeth H. Watts and Duke Energy Ohio, Inc.