

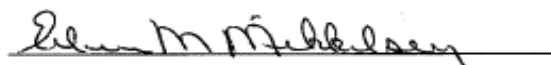
Ohio Edison Company
The Cleveland Electric Illuminating Company
The Toledo Edison Company
and
American Transmission Systems, Incorporated

**2017 ELECTRIC
LONG-TERM FORECAST REPORT
TO THE
PUBLIC UTILITIES COMMISSION OF OHIO
Case № 17-913-EL-FOR**

CERTIFICATE OF SERVICE

I hereby certify that this 2017 Long-Term Forecast Report was filed by Ohio Edison Company, The Cleveland Electric Illuminating Company, The Toledo Edison Company and American Transmission Systems, Incorporated with the Public Utilities Commission of Ohio on April 15, 2017 and that:

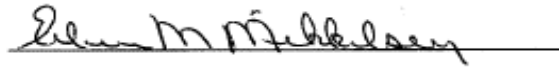
1. Pursuant to Rule 4901:5-1-03(F), Ohio Administrative Code, a copy of the 2017 Long-Term Forecast Report has been delivered or mailed on the day of filing to the Office of the Ohio Consumers' Counsel;
2. Pursuant to Rule 4901:5-1-03(G), Ohio Administrative Code, within three days of filing with the Public Utilities Commission of Ohio, a letter—stating that the Long-Term Forecast Report has been filed with the Public Utilities Commission of Ohio and that a copy of the Long-Term Forecast report is available for public inspection at the Public Utilities Commission offices located at 180 East Broad Street, Columbus, Ohio 43215, shall be sent by first class mail to the appropriate county libraries;
3. Pursuant to Rule 4901:5-1-03(H), Ohio Administrative Code, the Applicants shall keep at least one copy of its 2017 Long-Term Forecast Report at its principal business office for public inspection during business hours; and
4. Pursuant to Rule 4901:5-1-03(I), Ohio Administrative Code, the Applicants shall provide a copy of its 2017 Long-Term Forecast Report to any person upon request at a cost to cover the expenses incurred.



Eileen M. Mikkelsen
Vice President, Rates & Regulatory Affairs
FirstEnergy Service Company
76 South Main St.
Akron, OH 44308-1890
330-384-5166

ATTESTATION

This Long-Term Forecast Report filed by Ohio Edison Company, The Cleveland Electric Illuminating Company, The Toledo Edison Company and American Transmission Systems, Incorporated is true and correct to the best of my knowledge and belief.

A handwritten signature in dark ink, appearing to read "Eileen M. Mikkelsen", is written over a horizontal line.

Eileen M. Mikkelsen
Vice President, Rates & Regulatory Affairs
FirstEnergy Service Company
76 South Main St.
Akron, OH 44308-1890
330-384-5166

SECTION I

TRANSMISSION FORECAST FORMS

4901:5-5-04(B)(1)
PUCO FORM FE-T1: TRANSMISSION ENERGY DELIVERY FORECAST
(Megawatt Hours/Year)^{a b}

FirstEnergy System

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 Inside Ohio	(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 ^b 7 - 10	(12) Energy Deliveries For Loads Connected To The System Inside Ohio	(13) Energy Deliveries For Loads Connected To The System Outside Ohio
-5 2012	53,943,857	-	53,943,857	15,569,290	19,295,854	34,865,144	88,809,001	4,839,221	13,616,164	18,455,385	70,353,616	64,204,163	6,149,453
-4 2013	51,803,659	-	51,803,659	16,741,620	18,519,886	35,261,506	87,065,165	5,795,944	16,141,097	21,937,041	65,128,124	59,650,768	5,477,356
-3 2014	53,408,499	-	53,408,499	17,960,386	18,806,946	36,767,332	90,175,831	5,463,715	15,410,028	20,873,743	69,302,088	63,155,493	5,477,356
-2 2015	48,631,403	-	48,631,403	14,676,158	20,743,836	35,419,994	84,051,397	6,212,343	9,876,228	16,088,571	67,962,826	62,351,282	6,146,595
-1 2016	38,381,900	-	38,381,900	16,647,841	21,874,059	38,521,900	76,903,800	5,784,124	6,970,184	12,754,308	64,149,492	59,053,477	5,096,015
0 2017	40,297,368	-	40,297,368	17,478,660	22,965,695	40,444,355	80,741,724	6,072,784	7,318,035	13,390,818	67,350,905	62,246,868	5,104,037
1 2018	40,258,630	-	40,258,630	17,461,858	22,943,618	40,405,476	80,664,106	6,066,946	7,311,000	13,377,946	67,286,161	62,244,955	5,041,205
2 2019	40,208,017	-	40,208,017	17,439,905	22,914,774	40,354,679	80,562,696	6,059,319	7,301,808	13,361,127	67,201,569	62,201,711	4,999,858
3 2020	39,993,760	-	39,993,760	17,346,972	22,792,667	40,139,640	80,133,400	6,027,030	7,262,899	13,289,929	66,843,470	61,860,819	4,982,652
4 2021	39,984,673	-	39,984,673	17,343,031	22,787,489	40,130,520	80,115,193	6,025,661	7,261,249	13,286,910	66,828,283	61,865,581	4,962,702
5 2022	40,215,704	-	40,215,704	17,443,239	22,919,154	40,362,393	80,578,098	6,060,477	7,303,204	13,363,681	67,214,416	62,250,087	4,964,329
6 2023	40,522,811	-	40,522,811	17,576,444	23,094,176	40,670,620	81,193,431	6,106,758	7,358,975	13,465,733	67,727,698	62,745,877	4,981,821
7 2024	40,764,386	-	40,764,386	17,681,225	23,231,851	40,913,076	81,677,462	6,143,163	7,402,845	13,546,008	68,131,454	63,118,259	5,013,195
8 2025	40,898,424	-	40,898,424	17,739,363	23,308,240	41,047,603	81,946,027	6,163,362	7,427,187	13,590,549	68,355,478	63,309,524	5,045,954
9 2026	41,047,000	-	41,047,000	17,803,807	23,392,915	41,196,721	82,243,721	6,185,753	7,454,168	13,639,921	68,603,800	63,521,982	5,081,818
10 2027	41,260,373	-	41,260,373	17,896,356	23,514,517	41,410,873	82,671,246	6,217,908	7,492,917	13,710,825	68,960,421	63,845,300	5,115,121

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

^b These data include energy for Pennsylvania Power as well as the 3 Ohio companies.

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

FirstEnergy System

		Native Load ^b		Internal Load ^c	
	Year	Summer	Winter ^d	Summer	Winter
-5	2012	13,311	10,156	13,514	10,359
-4	2013	12,940	11,150	13,141	11,351
-3	2014	12,231	10,909	12,362	11,040
-2	2015	12,074	10,112	12,356	10,394
-1	2016	12,334	10,215	12,752	10,633
0	2017	12,360	9,865	12,914	10,419
1	2018	12,350	9,868	12,904	10,422
2	2019	12,327	9,821	12,881	10,375
3	2020	12,309	9,806	12,863	10,360
4	2021	12,308	9,812	12,862	10,366
5	2022	12,329	9,848	12,883	10,402
6	2023	12,370	9,898	12,924	10,452
7	2024	12,407	9,924	12,961	10,478
8	2025	12,438	9,950	12,992	10,504
9	2026	12,466	9,989	13,020	10,543
10	2027	12,505	10,040	13,059	10,594

^a To be filled out by electric transmission owners in Ohio.

^b Excludes interruptible load

^c Internal Load equals Native plus Interruptible.

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

^e These data include load for Pennsylvania Power as well as the 3 Ohio companies.

4901:5-5:04 (B)(3)(a)

PUCO Form FE-T3: Electric Transmission Owner's

Total Monthly Energy Forecast (Megawatt-Hours/Month)

FirstEnergy System

	Ohio Portion ^a	Total Service Area ^b	Total System ^{c d}
Year 0-2017			
January	5,630,887	6,120,401	6,120,401
February	5,075,449	5,525,108	5,525,108
March	5,129,584	5,566,422	5,566,422
April	4,652,849	5,038,494	5,038,494
May	4,992,038	5,385,709	5,385,709
June	5,380,788	5,796,157	5,796,157
July	5,707,297	6,143,335	6,143,335
August	5,488,874	5,925,119	5,925,119
September	4,819,017	5,201,471	5,201,471
October	4,870,402	5,257,692	5,257,692
November	5,022,608	5,431,948	5,431,948
December	5,477,075	5,959,050	5,959,050
Year 1-2018			
January	5,619,276	6,099,819	6,099,819
February	5,067,929	5,510,011	5,510,011
March	5,124,266	5,555,753	5,555,753
April	4,649,531	5,031,029	5,031,029
May	4,993,385	5,383,464	5,383,464
June	5,384,229	5,796,253	5,796,253
July	5,711,314	6,142,930	6,142,930
August	5,492,377	5,922,091	5,922,091
September	4,820,298	5,197,548	5,197,548
October	4,872,819	5,256,496	5,256,496
November	5,027,132	5,433,025	5,433,025
December	5,482,399	5,957,741	5,957,741

^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 These data include load for Pennsylvania Power as well as the 3 Ohio companies

FirstEnergy System

	Ohio Portion ^a	Total Service Area ^b	System ^{c e}
Year 0-2017			
January*	9,379	10,607	10,607
February*	8,901	10,258	10,258
March	8,692	9,383	9,383
April	7,925	8,619	8,619
May	10,019	10,785	10,785
June	11,406	12,276	12,276
July	11,984	12,914	12,914
August	11,664	12,620	12,620
September	10,612	11,495	11,495
October	8,328	9,002	9,002
November	8,580	9,303	9,303
December	9,399	10,181	10,181
Year 1-2018			
January	9,598	10,419	10,419
February	9,211	10,007	10,007
March	8,754	9,490	9,490
April	7,925	8,630	8,630
May	9,988	10,759	10,759
June	11,401	12,274	12,274
July	11,977	12,904	12,904
August	11,646	12,591	12,591
September	10,606	11,479	11,479
October	8,310	8,988	8,988
November	8,581	9,305	9,305
December	9,399	10,179	10,179

^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

^c Electric transmission owner operating as a part of an integrated operating system shall provide for the total system in this column.

^d Actual data shall be indicated with an asterisk (*).

^e These data include load for Pennsylvania Power as well as the 3 Ohio companies.

4901:5-5-04(B)(3)(c)(i)

PUCO FORM FE-T5:

**MONTHLY ENERGY TRANSACTIONS (TOTAL MWh/MONTH)
FOR THE MOST RECENT YEAR**

FirstEnergy System

PART A: SOURCES OF ENERGY

Reporting Month: January 2016

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	3,649,664	-	3,649,664
Energy Receipts from other sources	3,422,023	-	3,422,023
Total Energy Receipts	7,071,687	-	7,071,687

PUCO FORM FE-T5:

**MONTHLY ENERGY TRANSACTIONS (TOTAL MWh/MONTH)
FOR THE MOST RECENT YEAR**

FirstEnergy System

PART A: SOURCES OF ENERGY

Reporting Month: February 2016

1. Energy Receipts from all sources by type: (MWh)

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly transmission system	2,887,976	-	2,887,976
Energy Receipts from other sources	3,184,885	-	3,184,885
Total Energy Receipts	6,072,861	-	6,072,861

PUCO FORM FE-T5:

**MONTHLY ENERGY TRANSACTIONS (TOTAL MWh/MONTH)
FOR THE MOST RECENT YEAR**

FirstEnergy System

PART A: SOURCES OF ENERGY

Reporting Month: March 2016

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	1,879,274	-	1,879,274
Energy Receipts from other sources	4,170,482	-	4,170,482
Total Energy Receipts	6,049,756	-	6,049,756

4901:5-5-04(B)(3)(c)(i)

PUCO FORM FE-T5:

**MONTHLY ENERGY TRANSACTIONS (TOTAL MWh/MONTH)
FOR THE MOST RECENT YEAR**

FirstEnergy System

PART A: SOURCES OF ENERGY

Reporting Month: April 2016

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	2,346,350	-	2,346,350
Energy Receipts from other sources	3,256,513	-	3,256,513
Total Energy Receipts	5,602,863	-	5,602,863

4901:5-5-04(B)(3)(c)(i)

PUCO FORM FE-T5:

**MONTHLY ENERGY TRANSACTIONS (TOTAL MWh/MONTH)
FOR THE MOST RECENT YEAR**

FirstEnergy System

PART A: SOURCES OF ENERGY

Reporting Month: May 2016

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	3,082,092	-	3,082,092
Energy Receipts from other sources	2,826,999	-	2,826,999
Total Energy Receipts	5,909,091	-	5,909,091

PUCO FORM FE-T5:

**MONTHLY ENERGY TRANSACTIONS (TOTAL MWh/MONTH)
FOR THE MOST RECENT YEAR**

FirstEnergy System

PART A: SOURCES OF ENERGY

Reporting Month: June

2016

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	3,387,919	-	3,387,919
Energy Receipts from other sources	3,003,699	-	3,003,699
Total Energy Receipts	6,391,618	-	6,391,618

PUCO FORM FE-T5:

**MONTHLY ENERGY TRANSACTIONS (TOTAL MWh/MONTH)
FOR THE MOST RECENT YEAR**

FirstEnergy System

PART A: SOURCES OF ENERGY

Reporting Month: July 2016

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	3,969,384	-	3,969,384
Energy Receipts from other sources	3,102,415	-	3,102,415
Total Energy Receipts	7,071,799	-	7,071,799

PUCO FORM FE-T5:

**MONTHLY ENERGY TRANSACTIONS (TOTAL MWh/MONTH)
FOR THE MOST RECENT YEAR**

FirstEnergy System

PART A: SOURCES OF ENERGY

Reporting Month: August 2016

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	3,783,099	-	3,783,099
Energy Receipts from other sources	3,589,638	-	3,589,638
Total Energy Receipts	7,372,737	-	7,372,737

PUCO FORM FE-T5:

**MONTHLY ENERGY TRANSACTIONS (TOTAL MWh/MONTH)
FOR THE MOST RECENT YEAR**

FirstEnergy System

PART A: SOURCES OF ENERGY

Reporting Month: September 2016

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	3,464,299	-	3,464,299
Energy Receipts from other sources	3,070,045	-	3,070,045
Total Energy Receipts	6,534,344	-	6,534,344

PUCO FORM FE-T5:

**MONTHLY ENERGY TRANSACTIONS (TOTAL MWh/MONTH)
FOR THE MOST RECENT YEAR**

FirstEnergy System

PART A: SOURCES OF ENERGY

Reporting Month: October 2016

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	3,593,072	-	3,593,072
Energy Receipts from other sources	2,606,105	-	2,606,105
Total Energy Receipts	6,199,177	-	6,199,177

PUCO FORM FE-T5:

**MONTHLY ENERGY TRANSACTIONS (TOTAL MWh/MONTH)
FOR THE MOST RECENT YEAR**

FirstEnergy System

PART A: SOURCES OF ENERGY

Reporting Month: November 2016

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	3,179,336	-	3,179,336
Energy Receipts from other sources	2,792,567	-	2,792,567
Total Energy Receipts	5,971,903	-	5,971,903

PUCO FORM FE-T5:

**MONTHLY ENERGY TRANSACTIONS (TOTAL MWh/MONTH)
FOR THE MOST RECENT YEAR**

FirstEnergy System

PART A: SOURCES OF ENERGY

Reporting Month: December 2016

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	3,159,433	-	3,159,433
Energy Receipts from other sources	3,496,529	-	3,496,529
Total Energy Receipts	6,655,962	-	6,655,962

**PUCO FORM FE-T5: MONTHLY ENERGY TRANSACTIONS (TOTAL MWh/MONTH)
FOR THE MOST RECENT YEAR**

FirstEnergy System

PART B: DELIVERY OF ENERGY

Reporting Month: January 2016

**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	4,899,418	-	4,899,418
Other Investor-Owned Electric Utilities	1,650,336	-	1,650,336
Cooperative-Owned Electric System	115,371	-	115,371
Municipal-Owned Electric Systems	462,335	-	462,335
Federal and State Electric Agencies	35,019	-	35,019
Other end user service	-	-	-
For Non Distribution service (transmission to transmission service)	-	-	-
Total Energy Delivery	7,162,479	-	7,162,479

Reporting Month: January 2016

**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	4,449,003	-	4,449,003
Other Investor-Owned Electric Utilities	-	-	-
Cooperative-Owned Electric System	115,371	-	115,371
Municipal-Owned Electric Systems	462,335	-	462,335
Federal and State Electric Agencies	35,019	-	35,019
Other end user service	-	-	-
For Non Distribution service (transmission to transmission service)	-	-	-
Total Energy Delivery	5,061,728	-	5,061,728

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

FirstEnergy System

PART B: DELIVERY OF ENERGY

Reporting Month: February 2016

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	4,463,463	-	4,463,463
Other Investor-Owned Electric Utilities	1,077,880	-	1,077,880
Cooperative-Owned Electric System	100,146	-	100,146
Municipal-Owned Electric Systems	416,863	-	416,863
Federal and State Electric Agencies	32,047	-	32,047
Other end user service	-	-	-
For Non Distribution service (transmission to transmission service)	-	-	-
Total Energy Delivery	6,090,399	-	6,090,399

Reporting Month: February 2016

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	4,058,601	-	4,058,601
Other Investor-Owned Electric Utilities	-	-	-
Cooperative-Owned Electric System	100,146	-	100,146
Municipal-Owned Electric Systems	416,863	-	416,863
Federal and State Electric Agencies	32,047	-	32,047
Other end user service	-	-	-
For Non Distribution service (transmission to transmission service)	-	-	-
Total Energy Delivery	4,607,657	-	4,607,657

4901:5-5-04(B)(3)(c)(ii)

**PUCO FORM FE-T5: MONTHLY ENERGY TRANSACTIONS (TOTAL MWh/MONTH)
FOR THE MOST RECENT YEAR**

FirstEnergy System

Reporting Month: March 2016

**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	4,349,735	-	4,349,735
Other Investor-Owned Electric Utilities	808,563	-	808,563
Cooperative-Owned Electric System	89,311	-	89,311
Municipal-Owned Electric Systems	414,255	-	414,255
Federal and State Electric Agencies	22,779	-	22,779
Other end user service	-	-	-
For Non Distribution service (transmission to transmission service)	-	-	-
Total Energy Delivery	5,684,642	-	5,684,642

Reporting Month: March 2016

**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	3,959,179	-	3,959,179
Other Investor-Owned Electric Utilities	-	-	-
Cooperative-Owned Electric System	89,311	-	89,311
Municipal-Owned Electric Systems	414,255	-	414,255
Federal and State Electric Agencies	22,779	-	22,779
Other end user service	-	-	-
For Non Distribution service (transmission to transmission service)	-	-	-
Total Energy Delivery	4,485,524	-	4,485,524

**PUCO FORM FE-T5: MONTHLY ENERGY TRANSACTIONS (TOTAL MWh/MONTH)
FOR THE MOST RECENT YEAR**

FirstEnergy System

PART B: DELIVERY OF ENERGY

Reporting Month: April 2016

**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	4,085,467	-	4,085,467
Other Investor-Owned Electric Utilities	824,466	-	824,466
Cooperative-Owned Electric System	83,886	-	83,886
Municipal-Owned Electric Systems	398,996	-	398,996
Federal and State Electric Agencies	20,082	-	20,082
Other end user service	-	-	-
For Non Distribution service (transmission to transmission service)	-	-	-
Total Energy Delivery	5,412,896	-	5,412,896

Reporting Month: April 2016

**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	3,723,366	-	3,723,366
Other Investor-Owned Electric Utilities	-	-	-
Cooperative-Owned Electric System	83,886	-	83,886
Municipal-Owned Electric Systems	398,996	-	398,996
Federal and State Electric Agencies	20,082	-	20,082
Other end user service	-	-	-
For Non Distribution service (transmission to transmission service)	-	-	-
Total Energy Delivery	4,226,329	-	4,226,329

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

FirstEnergy System

PART B: DELIVERY OF ENERGY

Reporting Month: May 2016

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	4,161,989	-	4,161,989
Other Investor-Owned Electric Utilities	949,861	-	949,861
Cooperative-Owned Electric System	80,358	-	80,358
Municipal-Owned Electric Systems	418,402	-	418,402
Federal and State Electric Agencies	33,608	-	33,608
Other end user service	-	-	-
For Non Distribution service (transmission to transmission service)	-	-	-
Total Energy Delivery	5,644,219	-	5,644,219

Reporting Month: May 2016

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	3,792,269	-	3,792,269
Other Investor-Owned Electric Utilities	-	-	-
Cooperative-Owned Electric System	80,358	-	80,358
Municipal-Owned Electric Systems	418,402	-	418,402
Federal and State Electric Agencies	33,608	-	33,608
Other end user service	-	-	-
For Non Distribution service (transmission to transmission service)	-	-	-
Total Energy Delivery	4,324,637	-	4,324,637

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

FirstEnergy System

PART B: DELIVERY OF ENERGY

Reporting Month: June 2016

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	4,630,766	-	4,630,766
Other Investor-Owned Electric Utilities	983,760	-	983,760
Cooperative-Owned Electric System	85,871	-	85,871
Municipal-Owned Electric Systems	470,358	-	470,358
Federal and State Electric Agencies	52,862	-	52,862
Other end user service	-	-	-
For Non Distribution service (transmission to transmission service)	-	-	-
Total Energy Delivery	6,223,618	-	6,223,618

Reporting Month: June 2016

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	4,209,391	-	4,209,391
Other Investor-Owned Electric Utilities	-	-	-
Cooperative-Owned Electric System	85,871	-	85,871
Municipal-Owned Electric Systems	470,358	-	470,358
Federal and State Electric Agencies	52,862	-	52,862
Other end user service	-	-	-
For Non Distribution service (transmission to transmission service)	-	-	-
Total Energy Delivery	4,818,483	-	4,818,483

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

FirstEnergy System

PART B: DELIVERY OF ENERGY

Reporting Month: July 2016

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	5,276,261	-	5,276,261
Other Investor-Owned Electric Utilities	1,254,929	-	1,254,929
Cooperative-Owned Electric System	104,112	-	104,112
Municipal-Owned Electric Systems	516,081	-	516,081
Federal and State Electric Agencies	51,352	-	51,352
Other end user service	-	-	-
For Non Distribution service (transmission to transmission service)	-	-	-
Total Energy Delivery	7,202,735	-	7,202,735

Reporting Month: July 2016

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	4,833,838	-	4,833,838
Other Investor-Owned Electric Utilities	-	-	-
Cooperative-Owned Electric System	104,112	-	104,112
Municipal-Owned Electric Systems	516,081	-	516,081
Federal and State Electric Agencies	51,352	-	51,352
Other end user service	-	-	-
For Non Distribution service (transmission to transmission service)	-	-	-
Total Energy Delivery	5,505,383	-	5,505,383

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

FirstEnergy System

PART B: DELIVERY OF ENERGY

Reporting Month: August 2016

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	5,535,558	-	5,535,558
Other Investor-Owned Electric Utilities	1,138,037	-	1,138,037
Cooperative-Owned Electric System	106,580	-	106,580
Municipal-Owned Electric Systems	550,149	-	550,149
Federal and State Electric Agencies	53,042	-	53,042
Other end user service	-	-	-
For Non Distribution service (transmission to transmission service)	-	-	-
Total Energy Delivery	7,383,366	-	7,383,366

Reporting Month: August 2016

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	5,061,618	-	5,061,618
Other Investor-Owned Electric Utilities	-	-	-
Cooperative-Owned Electric System	106,580	-	106,580
Municipal-Owned Electric Systems	550,149	-	550,149
Federal and State Electric Agencies	53,042	-	53,042
Other end user service	-	-	-
For Non Distribution service (transmission to transmission service)	-	-	-
Total Energy Delivery	5,771,389	-	5,771,389

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

FirstEnergy System

PART B: DELIVERY OF ENERGY

Reporting Month: September 2016

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	4,512,680	-	4,512,680
Other Investor-Owned Electric Utilities	1,152,285	-	1,152,285
Cooperative-Owned Electric System	85,978	-	85,978
Municipal-Owned Electric Systems	483,298	-	483,298
Federal and State Electric Agencies	51,309	-	51,309
Other end user service	-	-	-
For Non Distribution service (transmission to transmission service)	-	-	-
Total Energy Delivery	6,285,551	-	6,285,551

Reporting Month: September 2016

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	4,117,789	-	4,117,789
Other Investor-Owned Electric Utilities	-	-	-
Cooperative-Owned Electric System	85,978	-	85,978
Municipal-Owned Electric Systems	483,298	-	483,298
Federal and State Electric Agencies	51,309	-	51,309
Other end user service	-	-	-
For Non Distribution service (transmission to transmission service)	-	-	-
Total Energy Delivery	4,738,374	-	4,738,374

**PUCO FORM FE-T5: MONTHLY ENERGY TRANSACTIONS (TOTAL MWh/MONTH)
FOR THE MOST RECENT YEAR**

FirstEnergy System

PART B: DELIVERY OF ENERGY

Reporting Month: October 2016

**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	4,143,666	-	4,143,666
Other Investor-Owned Electric Utilities	1,092,301	-	1,092,301
Cooperative-Owned Electric System	81,181	-	81,181
Municipal-Owned Electric Systems	414,055	-	414,055
Federal and State Electric Agencies	28,891	-	28,891
Other end user service	-	-	-
For Non Distribution service (transmission to transmission service)	-	-	-
Total Energy Delivery	5,760,094	-	5,760,094

Reporting Month: October 2016

**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	3,779,515	-	3,779,515
Other Investor-Owned Electric Utilities	-	-	-
Cooperative-Owned Electric System	81,181	-	81,181
Municipal-Owned Electric Systems	414,055	-	414,055
Federal and State Electric Agencies	28,891	-	28,891
Other end user service	-	-	-
For Non Distribution service (transmission to transmission service)	-	-	-
Total Energy Delivery	4,303,642	-	4,303,642

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

FirstEnergy System

PART B: DELIVERY OF ENERGY

Reporting Month: November 2016

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	4,118,179	-	4,118,179
Other Investor-Owned Electric Utilities	884,940	-	884,940
Cooperative-Owned Electric System	86,774	-	86,774
Municipal-Owned Electric Systems	402,722	-	402,722
Federal and State Electric Agencies	37,480	-	37,480
Other end user service	-	-	-
For Non Distribution service (transmission to transmission service)	-	-	-
Total Energy Delivery	5,530,096	-	5,530,096

Reporting Month: November 2016

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	3,739,653	-	3,739,653
Other Investor-Owned Electric Utilities	-	-	-
Cooperative-Owned Electric System	86,774	-	86,774
Municipal-Owned Electric Systems	402,722	-	402,722
Federal and State Electric Agencies	37,480	-	37,480
Other end user service	-	-	-
For Non Distribution service (transmission to transmission service)	-	-	-
Total Energy Delivery	4,266,629	-	4,266,629

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

FirstEnergy System

PART B: DELIVERY OF ENERGY

Reporting Month: December 2016

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	4,817,956	-	4,817,956
Other Investor-Owned Electric Utilities	936,950	-	936,950
Cooperative-Owned Electric System	113,300	-	113,300
Municipal-Owned Electric Systems	457,072	-	457,072
Federal and State Electric Agencies	56,270	-	56,270
Other end user service	-	-	-
For Non Distribution service (transmission to transmission service)	-	-	-
Total Energy Delivery	6,381,549	-	6,381,549

Reporting Month: December 2016

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	4,350,184	-	4,350,184
Other Investor-Owned Electric Utilities	-	-	-
Cooperative-Owned Electric System	113,300	-	113,300
Municipal-Owned Electric Systems	457,072	-	457,072
Federal and State Electric Agencies	56,270	-	56,270
Other end user service	-	-	-
For Non Distribution service (transmission to transmission service)	-	-	-
Total Energy Delivery	4,976,826	-	4,976,826

4901:5-5-04(B)(3)(c)(iii)

**PUCO FORM FE-T5: MONTHLY ENERGY TRANSACTIONS (TOTAL MWh/MONTH)
FOR THE MOST RECENT YEAR**

FirstEnergy System

PART C: LOSSES AND UNACCOUNTED FOR (MWh)

		Firm Transmission Service	Non-Firm Transmission Service	Total
Sources minus Delivery (a)				
January	2016	(90,792)	-	(90,792)
February	2016	(17,538)	-	(17,538)
March	2016	365,114	-	365,114
April	2016	189,967	-	189,967
May	2016	264,872	-	264,872
June	2016	168,000	-	168,000
July	2016	(130,935)	-	(130,935)
August	2016	(10,629)	-	(10,629)
September	2016	248,794	-	248,794
October	2016	439,083	-	439,083
November	2016	441,808	-	441,808
December	2016	274,413	-	274,413

(a) FE2-T5: Part A minus Part B (1)

4901:5-5-04(B)(4)
PUCO Form FE--T6

Conditions at Time of Monthly Peak
(Megawatts)

Date Mo/Day/Yr	Hour	Peak MWs	Scheduled Transmission Outages (Y/N)	Unscheduled Transmission Outages (Y/N)	Emergency Operating Procedures
01/18/16	19	10,394	N	N	N
02/11/16	19	9,748	N	N	N
03/02/16	20	9,171	N	N	N
04/05/16	8	8,754	N	N	N
05/27/16	17	10,294	N	N	N
06/27/16	17	11,954	N	N	N
07/13/16	18	12,539	N	N	N
08/11/16	15	12,752	N	N	N
09/07/16	17	12,627	N	N	N
10/17/16	20	8,851	N	N	N
11/21/16	19	9,066	N	N	N
12/15/16	19	10,633	N	N	N

PUCO FORM FE3-T7:

CHARACTERISTICS OF TRANSMISSION OWNER'S EXISTING TRANSMISSION LINES
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*Width is typical ROW width
*Length in miles is approximate

ATSI-Ohio Edison Company Area

Transmission Line Name and Number (a)	Point of Origin and Terminus	Summer Capability (MVA)		Winter Capability (MVA)		Operating Voltage (kV)	Design Voltage (kV)	Right-of-Way		Type of Supporting Structure	Number of Circuits		Substations On the Line
		Normal Rating	Emergency Rating	Normal Rating	Emergency Rating			*Length (Miles)	*Width (Feet)		Design	Installed	
List each Transmission Line of 125 kV or more.	Indicate location of line's beginning and terminus.									Steel Towers, Wood Poles, or Underground. Etc. and number of mile of the line of each structure			Substation Name

4901:5-5-04(C)(1)(a)

PUCO FORM FE3-T7:

CHARACTERISTICS OF TRANSMISSION OWNER'S EXISTING TRANSMISSION LINES

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*Width is typical ROW width

*Length in miles is approximate

ATSI-Cleveland Electric Illuminating Company Area

Transmission Line Name and Number (a)	Point of Origin and Terminus	Summer Capability (MVA)		Winter Capability (MVA)		Operating Voltage (kV)	Design Voltage (kV)	Right-of-Way		Type of Supporting Structure	Number of Circuits		Substations On the Line
List each Transmission Line of 125 kV or more.	Indicate location of line's beginning and terminus.	Normal Rating	Emergency Rating	Normal Rating	Emergency Rating			*Length (Miles)	*Width (Feet)	Steel Towers, Wood Poles, or Underground. Etc. and number of mile of the line of each structure	Design	Installed	Substation Name

4901:5-5-04(C)(1)(a)

PUCO FORM FE3-T7: CHARACTERISTICS OF TRANSMISSION OWNER'S EXISTING TRANSMISSION LINES
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*Width is typical ROW width
*Length in miles is approximate

ATSI-Toledo Edison Company Area

Transmission Line Name and Number (a)	Point of Origin and Terminus	Summer Capability (MVA)		Winter Capability (MVA)		Operating Voltage (kV)	Design Voltage (kV)	Right-of-Way		Type of Supporting Structure	Number of Circuits		Substations On the Line
		Normal Rating	Emergency Rating	Normal Rating	Emergency Rating			*Length (Miles)	*Width (Feet)		Design	Installed	
List each Transmission Line of 125 kV or more.	Indicate location of line's beginning and terminus.									Steel Towers, Wood Poles, or Underground. Etc. and number of mile of the line of each structure			Substation Name

4901:5-5-04(C)(1)(b)

PUCO FORM FE3-T8: SUMMARY OF EXISTING SUBSTATIONS ON TRANSMISSION LINES

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ATSI-Ohio Edison Company Area

<u>Substation Name</u>	Type	<u>Voltages</u>	Line Association(s) (FE-T7 or FE-T9 <u>Notation</u>)	Line Existing
	Transmission (T) <u>Distribution (D)</u>			

4901:5-5-04(C)(1)(b)

PUCO FORM FE3-T8: SUMMARY OF EXISTING SUBSTATIONS ON TRANSMISSION LINES

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ATSI-Cleveland Electric Illuminating Company Area

<u>Substation Name</u>	Type Transmission (T) <u>Distribution (D)</u>	<u>Voltages</u>	Line Association(s) (FE-T7 or FE-T9 <u>Notation</u>)	Line Existing <u>or Proposed</u>
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4901:5-5-04(C)(1)(b)

PUCO FORM FE3-T8: SUMMARY OF EXISTING SUBSTATIONS ON TRANSMISSION LINES

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ATSI-Toledo Edison Company Area

<u>Substation Name</u>	Type Transmission (T) <u>Distribution (D)</u>	<u>Voltages</u>	Line Association(s) (FE-T7 or FE-T9 <u>Notation</u>)	Line Existing
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4901:5-5-04(D)(1)

PUCO FORM FE3-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

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- | | |
|----|---|
| 1 | Line Name and Number |
| 2 | Point of Origin
and Termination |
| 3 | Right of Way |
| 4 | Voltage |
| 5 | Application for
Certificate |
| 6 | Construction |
| 7 | Capital Investment |
| 8 | Substations |
| 9 | Supporting Structures |
| 10 | Participation with other
Utilities |
| 11 | Purpose of Planned
Transmission Line |
| 12 | Consequence of Line
Construction Deferment
Or Termination |
| 13 | Miscellaneous |

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

PUCO FORM FE3-T10: SUMMARY OF PROPOSED SUBSTATIONS

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SECTION II

DISTRIBUTION FORECAST FORMS

Electric Utility Service Area Energy Consumption Forecast
(Megawatt Hours/Year)

Ohio Edison Company

		(1)	(2)	(3)	(4)	(5a)	(5b)	(6) (1 + 2 + 3 + 4 + 5a + 5b)	(7)	(8) (6 + 7)
	Year	Residential	Commercial	Industrial	Transportation ^a	Other ^b	Energy Efficiency & Demand Response ^d	Total End User Consumption	Losses And Unaccounted For Company	Net Energy For Load ^c
-5	2012	9,400,000	6,691,000	8,208,000	-	142,000	-	24,441,000	1,768,000	26,209,000
-4	2013	9,275,000	6,628,000	8,264,000	-	137,000	-	24,304,000	1,765,000	26,069,000
-3	2014	9,353,000	6,689,000	8,746,000	-	139,000	-	24,927,000	1,410,000	26,337,000
-2	2015	9,222,000	6,662,000	8,266,000	-	142,000	-	24,292,000	1,609,000	25,901,000
-1	2016	9,429,000	6,748,000	7,910,000	-	140,000	-	24,227,000	1,450,000	25,677,000
0	2017	9,295,000	6,687,000	7,676,000	-	141,000	(245,000)	23,554,000	1,748,000	25,302,000
1	2018	9,295,000	6,781,000	7,925,000	-	140,000	(482,000)	23,659,000	1,747,000	25,406,000
2	2019	9,292,000	6,904,000	8,142,000	-	140,000	(721,000)	23,757,000	1,747,000	25,504,000
3	2020	9,252,000	6,953,000	8,237,000	-	140,000	(966,000)	23,616,000	1,733,000	25,349,000
4	2021	9,404,000	7,110,000	8,424,000	-	142,000	(1,464,000)	23,616,000	1,732,000	25,348,000
5	2022	9,585,000	7,291,000	8,638,000	-	144,000	(1,976,000)	23,682,000	1,736,000	25,418,000
6	2023	9,792,000	7,489,000	8,886,000	-	147,000	(2,511,000)	23,803,000	1,743,000	25,546,000
7	2024	10,033,000	7,692,000	9,122,000	-	150,000	(3,082,000)	23,915,000	1,752,000	25,667,000
8	2025	10,285,000	7,883,000	9,329,000	-	153,000	(3,686,000)	23,964,000	1,757,000	25,721,000
9	2026	10,570,000	8,083,000	9,534,000	-	156,000	(4,317,000)	24,026,000	1,762,000	25,788,000
10	2027	10,888,000	8,319,000	9,761,000	-	159,000	(4,980,000)	24,147,000	1,774,000	25,921,000

^a Transportation includes railroads & railways.^b Other includes street & highway lighting, public authorities and interdepartmental sales.^c Years 0 through 10 is calculated by applying a loss factor to each rate class then summing the results.^d Excludes the impact of self-directed mercantile EE programs. Incremental to 2016.

Electric Utility Service Area Energy Consumption Forecast
(Megawatt Hours/Year)

The Cleveland Electric Illuminating Company

	(1)	(2)	(3)	(4)	(5a)	(5b)	(6) (1 +2+3+4+5a+5b)	(7)	(8) (6 + 7)
Year	Residential	Commercial	Industrial	Transportation ^a	Other ^b	Energy Efficiency & Demand Response ^d	Total End-User Consumption	Losses And Unaccounted For Company	Net Energy For Load ^c
-5 2012	5,678,000	6,665,000	6,324,000	-	138,000	-	18,805,000	1,328,000	20,133,000
-4 2013	5,508,000	6,618,000	6,444,000	-	143,000	-	18,713,000	1,406,000	20,119,000
-3 2014	5,549,000	6,580,000	6,461,000	-	144,000	-	18,734,000	1,470,000	20,204,000
-2 2015	5,490,000	6,548,000	6,323,000	-	141,000	-	18,502,000	1,149,000	19,651,000
-1 2016	5,669,000	6,661,000	6,349,000	-	139,000	-	18,818,000	1,163,000	19,981,000
0 2017	5,585,000	6,655,000	5,985,000	-	140,000	(186,000)	18,179,000	1,312,000	19,491,000
1 2018	5,590,000	6,780,000	5,993,000	-	141,000	(371,000)	18,133,000	1,312,000	19,445,000
2 2019	5,597,000	6,849,000	6,013,000	-	142,000	(557,000)	18,044,000	1,306,000	19,350,000
3 2020	5,587,000	6,894,000	6,037,000	-	142,000	(739,000)	17,921,000	1,296,000	19,217,000
4 2021	5,684,000	7,024,000	6,150,000	-	144,000	(1,115,000)	17,887,000	1,294,000	19,181,000
5 2022	5,798,000	7,189,000	6,311,000	-	147,000	(1,501,000)	17,944,000	1,297,000	19,241,000
6 2023	5,931,000	7,398,000	6,528,000	-	151,000	(1,905,000)	18,103,000	1,306,000	19,409,000
7 2024	6,087,000	7,618,000	6,718,000	-	154,000	(2,338,000)	18,239,000	1,315,000	19,554,000
8 2025	6,249,000	7,826,000	6,877,000	-	158,000	(2,801,000)	18,309,000	1,321,000	19,630,000
9 2026	6,433,000	8,044,000	7,040,000	-	161,000	(3,290,000)	18,388,000	1,329,000	19,717,000
10 2027	6,640,000	8,274,000	7,230,000	-	165,000	(3,802,000)	18,507,000	1,338,000	19,845,000

^a Transportation includes railroads & railways.^b Other includes street & highway lighting, public authorities and interdepartmental sales.^c Years 0 through 10 is calculated by applying a loss factor to each rate class then summing the results.^d Excludes the impact of self-directed mercantile EE programs. Incremental to 2016.

Electric Utility Service Area Energy Consumption Forecast
(Megawatt Hours/Year)

The Toledo Edison Company

	(1)	(2)	(3)	(4)	(5a)	(5b)	(6) (1 + 2 + 3 + 4 + 5a + 5b)	(7)	(8) (6 + 7)
Year	Residential	Commercial	Industrial	Transportation ^a	Other ^b	Energy Efficiency & Demand Response ^d	Total End-User Consumption	Losses And Unaccounted For Company	Net Energy For Load ^c
-5 2012	2,569,000	2,018,000	5,743,000	-	51,000	-	10,381,000	581,000	10,962,000
-4 2013	2,496,000	1,975,000	6,006,000	-	51,000	-	10,528,000	547,000	11,075,000
-3 2014	2,538,000	2,001,000	5,954,000	-	52,000	-	10,545,000	646,000	11,191,000
-2 2015	2,469,000	1,975,000	5,959,000	-	51,000	-	10,454,000	856,000	11,310,000
-1 2016	2,560,000	2,014,000	6,016,000	-	53,000	-	10,643,000	588,600	11,163,000
0 2017	2,541,000	2,054,000	6,265,000	-	52,000	(105,000)	10,807,000	598,000	11,405,000
1 2018	2,565,000	2,083,000	6,434,000	-	53,000	(214,000)	10,921,000	600,000	11,521,000
2 2019	2,591,000	2,104,000	6,520,000	-	53,000	(327,000)	10,941,000	601,000	11,542,000
3 2020	2,610,000	2,116,000	6,585,000	-	54,000	(445,000)	10,920,000	599,000	11,519,000
4 2021	2,656,000	2,159,000	6,777,000	-	55,000	(674,000)	10,973,000	600,000	11,573,000
5 2022	2,715,000	2,210,000	7,156,000	-	55,000	(914,000)	11,222,000	608,000	11,830,000
6 2023	2,782,000	2,262,000	7,484,000	-	56,000	(1,171,000)	11,413,000	614,000	12,027,000
7 2024	2,855,000	2,317,000	7,737,000	-	57,000	(1,454,000)	11,512,000	618,000	12,130,000
8 2025	2,933,000	2,372,000	7,962,000	-	57,000	(1,759,000)	11,565,000	621,000	12,186,000
9 2026	3,018,000	2,429,000	8,184,000	-	58,000	(2,073,000)	11,616,000	623,000	12,239,000
10 2027	3,110,000	2,490,000	8,409,000	-	59,000	(2,399,000)	11,669,000	626,000	12,295,000

^a Transportation includes railroads & railways.^b Other includes street & highway lighting, public authorities and interdepartmental sales.^c Years 0 through 10 are calculated by applying a loss factor to each rate class then summing the results.^d Excludes the impact of self-directed mercantile EE programs. Incremental to 2016.

System Service Area Energy Consumption Forecast
(Megawatt Hours/Year)

Total Ohio

		(1)	(2)	(3)	(4)	(5a)	(5b)	(6) (1+2+3+4+5a+5b)	(7)	(8) (6 + 7)
							Energy Efficiency & Demand Response ^d	Total End User Consumption	Losses And Unaccounted For Company	Net Energy For Load ^c
-5	2012	17,647,000	15,374,000	20,275,000	-	331,000	-	53,627,000	3,677,000	57,304,000
-4	2013	17,279,000	15,221,000	20,714,000	-	331,000	-	53,545,000	3,718,000	57,263,000
-3	2014	17,440,000	15,270,000	21,161,000	-	335,000	-	54,206,000	3,526,000	57,732,000
-2	2015	17,181,000	15,185,000	20,548,000	-	334,000	-	53,248,000	3,614,000	56,862,000
-1	2016	17,658,000	15,423,000	20,275,000		332,000	-	53,688,000	3,201,600	56,821,000
0	2017	17,421,000	15,396,000	19,926,000	-	333,000	(536,000)	52,540,000	3,658,000	56,198,000
1	2018	17,450,000	15,644,000	20,352,000	-	334,000	(1,067,000)	52,713,000	3,659,000	56,372,000
2	2019	17,480,000	15,857,000	20,675,000	-	335,000	(1,605,000)	52,742,000	3,654,000	56,396,000
3	2020	17,449,000	15,963,000	20,859,000	-	336,000	(2,150,000)	52,457,000	3,628,000	56,085,000
4	2021	17,744,000	16,293,000	21,351,000	-	341,000	(3,253,000)	52,476,000	3,626,000	56,102,000
5	2022	18,098,000	16,690,000	22,105,000	-	346,000	(4,391,000)	52,848,000	3,641,000	56,489,000
6	2023	18,505,000	17,149,000	22,898,000	-	354,000	(5,587,000)	53,319,000	3,663,000	56,982,000
7	2024	18,975,000	17,627,000	23,577,000	-	361,000	(6,874,000)	53,666,000	3,685,000	57,351,000
8	2025	19,467,000	18,081,000	24,168,000	-	368,000	(8,246,000)	53,838,000	3,699,000	57,537,000
9	2026	20,021,000	18,556,000	24,758,000	-	375,000	(9,680,000)	54,030,000	3,714,000	57,744,000
10	2027	20,638,000	19,083,000	25,400,000	-	383,000	(11,181,000)	54,323,000	3,738,000	58,061,000

^a Transportation includes railroads & railways.^b Other includes street & highway lighting, public authorities and interdepartmental sales.^c Years 0 through 10 are calculated by applying a loss factor to each rate class then summing the results.^d Excludes the impact of self-directed mercantile EE programs. Incremental to 2016.

PUCO FORM FE - D2: System Service Area Energy Consumption Forecast
(Megawatt Hours/Year) ^c

FirstEnergy System

		(1)	(2)	(3)	(4)	(5a)	(5b)	(6) (1+2+3+4+5a+5b)	(7)	(8) (6 + 7)
							Energy Efficiency & Demand Response ^d	Total End User Consumption	Losses And Unaccounted For Company	Net Energy For Load
-5	2012	19,315,000	16,708,000	21,731,000	-	337,000	-	58,091,000	3,985,101	62,076,101
-4	2013	18,983,000	16,570,000	22,223,000	-	337,000	-	58,113,000	3,888,000	62,001,000
-3	2014	19,168,000	16,651,000	22,760,000	-	341,000	-	58,920,000	3,762,000	62,682,000
-2	2015	18,884,000	16,506,000	22,044,000	-	340,000	-	57,774,000	4,546,000	62,320,000
-1	2016	19,344,000	16,778,000	21,844,000	-	337,000	-	58,303,000	3,453,600	61,688,000
0	2017	19,073,000	16,743,000	21,439,000	-	345,000	(536,000)	57,064,000	3,970,000	61,034,000
1	2018	19,082,000	16,974,000	21,828,000	-	346,000	(1,067,000)	57,163,000	3,970,000	61,133,000
2	2019	19,090,000	17,171,000	22,140,000	-	347,000	(1,605,000)	57,143,000	3,961,000	61,104,000
3	2020	19,041,000	17,263,000	22,326,000	-	348,000	(2,150,000)	56,828,000	3,936,000	60,764,000
4	2021	19,326,000	17,582,000	22,812,000	-	353,000	(3,253,000)	56,820,000	3,930,000	60,750,000
5	2022	19,683,000	17,973,000	23,558,000	-	358,000	(4,391,000)	57,181,000	3,945,000	61,126,000
6	2023	20,094,000	18,431,000	24,351,000	-	366,000	(5,587,000)	57,655,000	3,967,000	61,622,000
7	2024	20,572,000	18,908,000	25,038,000	-	373,000	(6,874,000)	58,017,000	3,991,000	62,008,000
8	2025	21,071,000	19,360,000	25,644,000	-	380,000	(8,246,000)	58,209,000	4,003,000	62,212,000
9	2026	21,634,000	19,834,000	26,245,000	-	387,000	(9,680,000)	58,420,000	4,020,000	62,440,000
10	2027	22,261,000	20,359,000	26,898,000	-	395,000	(11,181,000)	58,732,000	4,043,000	62,775,000

^a Transportation includes railroads & railways.^b Other includes street & highway lighting, public authorities and interdepartmental sales.^c These data include energy for Pennsylvania Power as well as the 3 Ohio companies.^d Excludes the impact of self-directed mercantile EE programs. Incremental to 2016.

4901:5-5-05(B)(2)(a)

PUCO Form FE-D3:

Electric Utility Ohio Seasonal Peak Load Demand Forecast
(Megawatts)

The Ohio Edison Company

		Native Load				Internal Load ^b			
		<u>Energy</u> <u>Efficiency &</u> <u>Demand</u>		<u>Net</u>		<u>Energy</u> <u>Efficiency &</u> <u>Demand</u>		<u>Net</u>	
	Year	<u>Summer</u>	<u>Response^c</u>	<u>Summer</u>	<u>Winter^a</u>	<u>Summer</u>	<u>Response</u>	<u>Summer</u>	<u>Winter</u>
-5	2012	5,503	-	5,503	4,071	5,546	-	5,546	4,114
-4	2013	5,189	-	5,189	4,447	5,242	-	5,242	4,500
-3	2014	4,858	-	4,858	4,349	4,884	-	4,884	4,375
-2	2015	4,979	-	4,979	3,931	5,025	-	5,025	3,977
-1	2016	5,126	-	5,126	3,842	5,280	-	5,280	3,996
0	2017	4,961	(62)	4,899	3,805	5,223	(62)	5,161	4,067
1	2018	5,024	(124)	4,900	3,824	5,286	(124)	5,162	4,086
2	2019	5,107	(206)	4,902	3,798	5,369	(206)	5,164	4,060
3	2020	5,187	(287)	4,900	3,793	5,449	(287)	5,162	4,055
4	2021	5,231	(331)	4,901	3,793	5,493	(331)	5,163	4,055
5	2022	5,276	(375)	4,901	3,806	5,538	(375)	5,163	4,068
6	2023	5,322	(420)	4,902	3,828	5,584	(420)	5,164	4,090
7	2024	5,368	(465)	4,903	3,835	5,630	(465)	5,165	4,097
8	2025	5,416	(512)	4,904	3,842	5,678	(512)	5,166	4,104
9	2026	5,441	(536)	4,904	3,857	5,703	(536)	5,166	4,119
10	2027	5,443	(538)	4,905	3,880	5,705	(538)	5,167	4,142

^a Winter load reference is the peak loads which follows the summer peak load.

^b Internal Load equals Native plus Interruptible.

^c Excludes impact of self-directed mercantile DR programs. Incremental to 2016.

Electric Utility Ohio Seasonal Peak Load Demand Forecast
(Megawatts)

The Cleveland Electric Illuminating Company

		Native Load				Internal Load ^b			
		<u>Energy</u>		<u>Energy</u>		<u>Energy</u>		<u>Energy</u>	
		<u>Efficiency &</u>		<u>Efficiency &</u>		<u>Efficiency &</u>		<u>Efficiency &</u>	
		<u>Demand</u>		<u>Demand</u>		<u>Demand</u>		<u>Demand</u>	
		<u>Response^c</u>		<u>Response^c</u>		<u>Response^c</u>		<u>Response^c</u>	
Year		<u>Summer</u>	<u>Net</u>	<u>Summer</u>	<u>Winter^a</u>	<u>Summer</u>	<u>Net</u>	<u>Summer</u>	<u>Winter</u>
-5	2012	4,015	-	4,015	2,927	4,047	-	4,047	2,959
-4	2013	4,011	-	4,011	3,214	4,025	-	4,025	3,228
-3	2014	3,827	-	3,827	3,126	3,838	-	3,838	3,137
-2	2015	3,733	-	3,733	2,893	3,801	-	3,801	2,961
-1	2016	3,886	-	3,886	2,974	3,982	-	3,982	3,070
0	2017	3,722	(33)	3,689	2,875	3,846	(33)	3,813	2,999
1	2018	3,764	(77)	3,687	2,869	3,888	(77)	3,811	2,993
2	2019	3,816	(136)	3,679	2,855	3,940	(136)	3,803	2,979
3	2020	3,858	(194)	3,664	2,850	3,982	(194)	3,788	2,974
4	2021	3,884	(224)	3,659	2,851	4,008	(224)	3,783	2,975
5	2022	3,922	(255)	3,667	2,863	4,046	(255)	3,791	2,987
6	2023	3,974	(285)	3,689	2,879	4,098	(285)	3,813	3,003
7	2024	4,022	(317)	3,705	2,887	4,146	(317)	3,829	3,011
8	2025	4,063	(350)	3,713	2,893	4,187	(350)	3,837	3,017
9	2026	4,093	(369)	3,724	2,903	4,217	(369)	3,848	3,027
10	2027	4,109	(370)	3,739	2,916	4,233	(370)	3,863	3,040

^a Winter load reference is the peak loads which follows the summer peak load.^b Internal Load equals Native plus Interruptible.^c Excludes impact of self-directed mercantile DR programs. Incremental to 2016.

Electric Utility Ohio Seasonal Peak Load Demand Forecast
(Megawatts)

The Toledo Edison Company

Native Load						Internal Load ^b			
		<u>Energy</u> <u>Efficiency &</u> <u>Demand</u>				<u>Energy</u> <u>Efficiency &</u> <u>Demand</u>			
	<u>Year</u>	<u>Summer</u>	<u>Response^c</u>	<u>Net</u> <u>Summer</u>	<u>Winter^a</u>	<u>Summer</u>	<u>Response</u>	<u>Net</u> <u>Summer</u>	<u>Winter</u>
-5	2012	2,214	-	2,214	1,448	2,342	-	2,342	1,576
-4	2013	1,987	-	1,987	1,531	2,121	-	2,121	1,665
-3	2014	1,986	-	1,986	1,596	2,080	-	2,080	1,690
-2	2015	1,891	-	1,891	1,516	2,059	-	2,059	1,684
-1	2016	2,143	-	2,143	1,570	2,311	-	2,311	1,738
0	2017	1,987	(35)	1,952	1,493	2,155	(35)	2,120	1,661
1	2018	2,026	(63)	1,963	1,499	2,194	(63)	2,131	1,667
2	2019	2,069	(106)	1,964	1,499	2,237	(106)	2,132	1,667
3	2020	2,114	(140)	1,973	1,502	2,282	(140)	2,141	1,670
4	2021	2,152	(166)	1,986	1,510	2,320	(166)	2,154	1,678
5	2022	2,189	(188)	2,001	1,520	2,357	(188)	2,169	1,688
6	2023	2,233	(214)	2,019	1,530	2,401	(214)	2,187	1,698
7	2024	2,271	(237)	2,034	1,539	2,439	(237)	2,202	1,707
8	2025	2,315	(264)	2,051	1,549	2,483	(264)	2,219	1,717
9	2026	2,334	(272)	2,062	1,560	2,502	(272)	2,230	1,728
10	2027	2,352	(273)	2,079	1,571	2,520	(273)	2,247	1,739

^a Winter load reference is the peak loads which follows the summer peak load.^b Internal Load equals Native plus Interruptible.^c Excludes impact of self-directed mercantile DR programs. Incremental to 2016.

4901:5-5-05(B)(2)(a)

PUCO Form FE-D3:

Electric Utility Ohio Seasonal Peak Load Demand Forecast
(Megawatts)

Total Ohio

		Native Load				Internal Load ^b			
		<u>Energy</u> <u>Efficiency &</u> <u>Demand</u>		<u>Net</u>		<u>Energy</u> <u>Efficiency &</u> <u>& Demand</u>			
	Year	Summer	Response ^c	Summer	Winter ^a	Summer	Response	Summer	Winter
-5	2012	11,522	-	11,522	8,394	11,725	-	11,725	8,597
-4	2013	10,961	-	10,961	9,179	11,162	-	11,162	9,380
-3	2014	10,457	-	10,457	9,070	10,588	-	10,588	9,201
-2	2015	10,245	-	10,245	8,339	10,527	-	10,527	8,621
-1	2016	10,459	-	10,459	8,350	10,877	-	10,877	8,768
0	2017	10,599	(48)	10,415	8,110	11,017	(48)	10,969	8,664
1	2018	10,657	(95)	10,426	8,128	11,075	(95)	10,980	8,682
2	2019	10,747	(191)	10,420	8,089	11,165	(191)	10,974	8,643
3	2020	10,829	(280)	10,413	8,081	11,247	(280)	10,967	8,635
4	2021	10,932	(375)	10,421	8,090	11,350	(375)	10,975	8,644
5	2022	11,047	(467)	10,444	8,126	11,465	(467)	10,998	8,680
6	2023	11,184	(564)	10,484	8,173	11,602	(564)	11,038	8,727
7	2024	11,313	(661)	10,516	8,197	11,731	(661)	11,070	8,751
8	2025	11,441	(763)	10,542	8,220	11,859	(763)	11,096	8,774
9	2026	11,511	(811)	10,564	8,255	11,730	(612)	11,118	8,809
10	2027	11,544	(811)	10,597	8,067	11,763	(612)	11,151	8,621

^a Winter load reference is the peak loads which follows the summer peak load.

^b Internal Load equals Native plus Interruptible.

^c Excludes impact of self-directed mercantile DR programs. Incremental to 2016.

4901:5-5-05(B)(2)(b)

PUCO Form FE-D4: Electric Utility Ohio Seasonal Peak Load Demand Forecast
(Megawatts)

FirstEnergy System

		Native Load		Internal Load	
	<u>Year</u>	<u>Summer</u>	<u>Winter</u>	<u>Summer</u>	<u>Winter</u>
-5	2012	12,384	9,167	12,587	9,370
-4	2013	11,870	10,102	12,071	10,303
-3	2014	11,275	9,884	11,406	10,015
-2	2015	11,080	9,120	11,362	9,402
-1	2016	11,333	9,194	11,751	9,612
0	2017	11,312	8,889	11,866	9,443
1	2018	11,318	8,903	11,872	9,457
2	2019	11,302	8,860	11,856	9,414
3	2020	11,290	8,849	11,844	9,403
4	2021	11,291	8,855	11,845	9,409
5	2022	11,312	8,890	11,866	9,444
6	2023	11,352	8,938	11,906	9,492
7	2024	11,388	8,963	11,942	9,517
8	2025	11,417	8,987	11,971	9,541
9	2026	11,444	9,023	11,998	9,577
10	2027	11,481	9,071	12,035	9,625

^a Winter load reference is to peak loads which follow the summer peak load.

Monthly Net Energy For Load Forecast
(Megawatt-Hours Per Year)

Ohio Edison Company

	Monthly Net Energy For Load Forecast	
Year 0-2017	<u>Ohio Service Area</u>	<u>System</u> ^a
January	2,341,000	5,536,000
February	2,141,000	4,989,000
March	2,132,000	5,039,000
April	1,857,000	4,554,000
May	1,949,000	4,889,000
June	2,119,000	5,261,000
July	2,306,000	5,571,000
August	2,278,000	5,367,000
September	1,978,000	4,712,000
October	1,956,000	4,776,000
November	2,010,000	4,932,000
December	2,235,000	5,408,000
Year 1-2018		
January	2,347,000	5,537,000
February	2,148,000	4,993,000
March	2,140,000	5,046,000
April	1,866,000	4,563,000
May	1,959,000	4,902,000
June	2,130,000	5,275,000
July	2,318,000	5,584,000
August	2,289,000	5,376,000
September	1,988,000	4,719,000
October	1,964,000	4,785,000
November	2,017,000	4,941,000
December	2,240,000	5,412,000

^a These data include energy for Pennsylvania Power as well as the 3 Ohio companies.

4901:5-5-05(B)(3)(a)

PUCO Form FE-D5: Monthly Net Energy For Load Forecast
(Megawatt-Hours Per Year)

The Cleveland Electric Illuminating Company

Monthly Net Energy For Load Forecast		
Year 0-2017	<u>Ohio Service Area</u>	<u>System</u> ^a
January	1,726,000	5,536,000
February	1,498,000	4,989,000
March	1,564,000	5,039,000
April	1,474,000	4,554,000
May	1,676,000	4,889,000
June	1,777,000	5,261,000
July	1,784,000	5,571,000
August	1,621,000	5,367,000
September	1,439,000	4,712,000
October	1,549,000	4,776,000
November	1,655,000	4,932,000
December	1,728,000	5,408,000
Year 1-2018		
January	1,719,000	5,537,000
February	1,493,000	4,993,000
March	1,560,000	5,046,000
April	1,472,000	4,563,000
May	1,676,000	4,902,000
June	1,776,000	5,275,000
July	1,782,000	5,584,000
August	1,617,000	5,376,000
September	1,434,000	4,719,000
October	1,544,000	4,785,000
November	1,650,000	4,941,000
December	1,722,000	5,412,000

^a These data include energy for Pennsylvania Power as well as the 3 Ohio companies.

4901:5-5-05(B)(3)(a)

PUCO Form FE-D5: Monthly Net Energy For Load Forecast
(Megawatt-Hours Per Year)

The Toledo Edison Company

Monthly Net Energy For Load Forecast		
Year 0-2017	<u>Ohio Service Area</u>	<u>System</u> ^a
January	1,003,000	5,536,000
February	923,000	4,989,000
March	928,000	5,039,000
April	858,000	4,554,000
May	892,000	4,889,000
June	973,000	5,261,000
July	1,068,000	5,571,000
August	1,057,000	5,367,000
September	934,000	4,712,000
October	906,000	4,776,000
November	879,000	4,932,000
December	984,000	5,408,000
Year 1-2018		
January	1,014,000	5,537,000
February	933,000	4,993,000
March	937,000	5,046,000
April	865,000	4,563,000
May	899,000	4,902,000
June	981,000	5,275,000
July	1,077,000	5,584,000
August	1,066,000	5,376,000
September	942,000	4,719,000
October	916,000	4,785,000
November	892,000	4,941,000
December	999,000	5,412,000

^a These data include energy for Pennsylvania Power as well as the 3 Ohio companies.

Monthly Net Energy For Load Forecast
(Megawatt-Hours Per Year)

Total Ohio

	Monthly Net Energy For Load Forecast	
Year 0-2017	<u>Ohio Service Area</u>	<u>System</u> ^a
January	5,070,000	5,536,000
February	4,562,000	4,989,000
March	4,624,000	5,039,000
April	4,189,000	4,554,000
May	4,517,000	4,889,000
June	4,869,000	5,261,000
July	5,158,000	5,571,000
August	4,956,000	5,367,000
September	4,351,000	4,712,000
October	4,411,000	4,776,000
November	4,544,000	4,932,000
December	4,947,000	5,408,000
Year 1-2018		
January	5,080,000	5,537,000
February	4,574,000	4,993,000
March	4,637,000	5,046,000
April	4,203,000	4,563,000
May	4,534,000	4,902,000
June	4,887,000	5,275,000
July	5,177,000	5,584,000
August	4,972,000	5,376,000
September	4,364,000	4,719,000
October	4,424,000	4,785,000
November	4,559,000	4,941,000
December	4,961,000	5,412,000

^a These data include energy for Pennsylvania Power as well as the 3 Ohio companies.

Monthly Peak Load Forecast
(Megawatts) ^a

Ohio Edison Company

	Monthly Native Load Forecast				Monthly Internal Load Forecast ^c	
	<u>Ohio Service Area</u>	<u>Demand Response^d</u>	<u>Net</u>	<u>System^b</u>	<u>Ohio Service Area</u>	<u>System^b</u>
Year 0-2017						
January*	3,637		3,637	9,080	3,899	9,634
February*	3,390		3,390	8,793	3,652	9,347
March	3,366		3,366	7,965	3,628	8,519
April	3,046		3,046	7,228	3,308	7,782
May	3,895		3,895	9,276	4,157	9,830
June	4,625		4,625	10,662	4,887	11,216
July	4,899		4,899	11,312	5,161	11,866
August	4,783		4,783	11,045	5,045	11,599
September	4,326		4,326	10,023	4,588	10,577
October	3,316		3,316	7,626	3,578	8,180
November	3,293		3,293	7,848	3,555	8,402
December	3,708		3,708	8,636	3,970	9,190
Year 1-2018						
January	3,805		3,805	8,889	4,067	9,443
February	3,596		3,596	8,519	3,858	9,073
March	3,405		3,405	8,074	3,667	8,628
April	3,067		3,067	7,254	3,329	7,808
May	3,896		3,896	9,267	4,158	9,821
June	4,627		4,627	10,677	4,889	11,231
July	4,900		4,900	11,318	5,162	11,872
August	4,785		4,785	11,031	5,047	11,585
September	4,328		4,328	10,021	4,590	10,575
October	3,317		3,317	7,622	3,579	8,176
November	3,308		3,308	7,861	3,570	8,415
December	3,722		3,722	8,645	3,984	9,199

^a Actual data shall be indicated with an asterisk (*).^b These data include energy for Pennsylvania Power as well as the 3 Ohio companies.^c Internal Load equals Native plus Interruptible.^d Excludes impact of self-directed mercantile DR programs. Incremental to 2016.

Monthly Peak Load Forecast
(Megawatts)^a

The Cleveland Electric Illuminating Company

	Monthly Native Load Forecast				Monthly Internal Load Forecast ^c	
	<u>Ohio Service Area</u>	<u>Demand Response^d</u>	<u>Net</u>	<u>System^b</u>	<u>Ohio Service Area</u>	<u>System^b</u>
Year 0-2017						
January*	2,814		2,814	9,080	2,938	9,634
February*	2,679		2,679	8,793	2,803	9,347
March	2,642		2,642	7,965	2,766	8,519
April	2,389		2,389	7,228	2,513	7,782
May	3,122		3,122	9,276	3,246	9,830
June	3,512		3,512	10,662	3,636	11,216
July	3,689		3,689	11,312	3,813	11,866
August	3,586		3,586	11,045	3,710	11,599
September	3,249		3,249	10,023	3,373	10,577
October	2,500		2,500	7,626	2,624	8,180
November	2,570		2,570	7,848	2,694	8,402
December	2,769		2,769	8,636	2,893	9,190
Year 1-2018						
January	2,875		2,875	8,889	2,999	9,443
February	2,805		2,805	8,519	2,929	9,073
March	2,666		2,666	8,074	2,790	8,628
April	2,385		2,385	7,254	2,509	7,808
May	3,120		3,120	9,267	3,244	9,821
June	3,512		3,512	10,677	3,636	11,231
July	3,687		3,687	11,318	3,811	11,872
August	3,583		3,583	11,031	3,707	11,585
September	3,245		3,245	10,021	3,369	10,575
October	2,496		2,496	7,622	2,620	8,176
November	2,564		2,564	7,861	2,688	8,415
December	2,763		2,763	8,645	2,887	9,199

^a Actual data shall be indicated with an asterisk (*).

^b These data include energy for Pennsylvania Power as well as the 3 Ohio companies.

^c Internal Load equals Native plus Interruptible.

^d Excludes impact of self-directed mercantile DR programs. Incremental to 2016.

Monthly Peak Load Forecast
(Megawatts)^a

The Toledo Edison Company

	Monthly Native Load Forecast				Monthly Internal Load Forecast ^c	
	<u>Ohio Service Area</u>	<u>Demand Response^d</u>	<u>Net</u>	<u>System^b</u>	<u>Ohio Service Area</u>	<u>System^b</u>
Year 0-2017						
January*	1,469		1,469	9,080	1,637	9,634
February*	1,388		1,388	8,793	1,556	9,347
March	1,363		1,363	7,965	1,531	8,519
April	1,238		1,238	7,228	1,406	7,782
May	1,647		1,647	9,276	1,815	9,830
June	1,809		1,809	10,662	1,977	11,216
July	1,952		1,952	11,312	2,120	11,866
August	1,950		1,950	11,045	2,118	11,599
September	1,712		1,712	10,023	1,880	10,577
October	1,277		1,277	7,626	1,445	8,180
November	1,337		1,337	7,848	1,505	8,402
December	1,442		1,442	8,636	1,610	9,190
Year 1-2018						
January	1,493		1,493	8,889	1,661	9,443
February	1,438		1,438	8,519	1,606	9,073
March	1,364		1,364	8,074	1,532	8,628
April	1,239		1,239	7,254	1,407	7,808
May	1,635		1,635	9,267	1,803	9,821
June	1,822		1,822	10,677	1,990	11,231
July	1,963		1,963	11,318	2,131	11,872
August	1,949		1,949	11,031	2,117	11,585
September	1,724		1,724	10,021	1,892	10,575
October	1,274		1,274	7,622	1,442	8,176
November	1,341		1,341	7,861	1,509	8,415
December	1,446		1,446	8,645	1,614	9,199

^a Actual data shall be indicated with an asterisk (*).

^b These data include energy for Pennsylvania Power as well as the 3 Ohio companies.

^c Internal Load equals Native plus Interruptible.

^d Excludes impact of self-directed mercantile DR programs. Incremental to 2016.

SECTION III

RESOURCE FORECAST FORMS

Monthly Forecast of Electric Utility's Ohio Service Area Peak Load and Resources
Dedicated to Meet Ohio Service Area Peak Load
(Megawatts) ^b

Ohio Edison Company

Current Calendar Year: 2017												
	Jan*	Feb*	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Net Demonstrated Capability	0	0	0	0	0	0	0	0	0	0	0	0
Net Seasonal Capability	0	0	0	0	0	0	0	0	0	0	0	0
Purchases ^a	4,093	3,834	3,808	3,473	4,363	5,132	5,420	5,298	4,818	3,758	3,733	4,169
Sales	0	0	0	0	0	0	0	0	0	0	0	0
Available Capability ^c	4,093	3,834	3,808	3,473	4,363	5,132	5,420	5,298	4,818	3,758	3,733	4,169
Native Load	3,637	3,390	3,366	3,046	3,895	4,625	4,899	4,783	4,326	3,316	3,293	3,708
Available Reserve ^d	456	444	442	426	469	507	521	515	492	441	440	461
Internal Load ^e	3,899	3,652	3,628	3,308	4,157	4,887	5,161	5,045	4,588	3,578	3,555	3,970
Reserve ^{d,f}	194	182	180	164	207	245	259	253	230	179	178	199

Next Calendar Year: 2018												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Net Demonstrated Capability	0	0	0	0	0	0	0	0	0	0	0	0
Net Seasonal Capability	0	0	0	0	0	0	0	0	0	0	0	0
Purchases ^a	4,271	4,052	3,851	3,495	4,366	5,139	5,426	5,304	4,824	3,762	3,752	4,188
Sales	0	0	0	0	0	0	0	0	0	0	0	0
Available Capability ^c	4,271	4,052	3,851	3,495	4,366	5,139	5,426	5,304	4,824	3,762	3,752	4,188
Native Load	3,805	3,596	3,405	3,067	3,896	4,627	4,900	4,785	4,328	3,317	3,308	3,722
Available Reserve ^d	466	455	446	429	470	512	526	520	497	445	444	466
Internal Load ^e	4,067	3,858	3,667	3,329	4,158	4,889	5,162	5,047	4,590	3,579	3,570	3,984
Reserve ^{d,f}	204	193	184	167	208	250	264	258	235	183	182	204

^a Capacity and energy obligations are served through Certified Retail Electric Suppliers or through power supply contracts.

^b Actual data shall be indicated with an asterisk (*).

^c Available Capability is equal to Net Seasonal Capability plus Purchases minus Sales.

^d All of the Companies' native load and internal load are served by Load Serving Entities (LSE), either as a Certified Retail Electric Supplier (CRES) or as suppliers for the Standard Service Offer (SSO). The reserves above are theoretical. The Companies currently are not, nor do they intend to become, an LSE, and therefore do not have any reserves. Reserve requirements are supplied by the LSE.

^e Internal Load equals Native plus Interruptible.

^f Based upon the Unforced Margin w/div as stated in PJM's "Reserve Requirement Study".

Monthly Forecast of Electric Utility's Ohio Service Area Peak Load and Resources
Dedicated to Meet Ohio Service Area Peak Load
(Megawatts)

The Cleveland Electric Illuminating Company

Current Calendar Year -2017												
	Jan*	Feb*	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Net Demonstrated Capability												
Net Seasonal Capability												
Purchases ^a	3,084	2,942	2,903	2,638	3,407	3,818	4,004	3,896	3,542	2,756	2,828	3,038
Sales	0	0	0	0	0	0	0	0	0	0	0	0
Available Capability ^c	3,084	2,942	2,903	2,638	3,407	3,818	4,004	3,896	3,542	2,756	2,828	3,038
Native Load	2,814	2,679	2,642	2,389	3,122	3,512	3,689	3,586	3,249	2,500	2,570	2,769
Available Reserve ^d	270	263	261	249	285	306	315	310	293	255	259	269
Internal Load ^e	2,938	2,803	2,766	2,513	3,246	3,636	3,813	3,710	3,373	2,624	2,694	2,893
Reserve ^{d,f}	146	139	137	125	161	182	191	186	169	131	135	145
Next Calendar Year -2018												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Net Demonstrated Capability												
Net Seasonal Capability												
Purchases ^a	3,085	2,943	2,905	2,639	3,409	3,822	4,008	3,900	3,546	2,758	2,831	3,040
Sales	0	0	0	0	0	0	0	0	0	0	0	0
Available Capability ^c	3,085	2,943	2,905	2,639	3,409	3,822	4,008	3,900	3,546	2,758	2,831	3,040
Native Load	2,814	2,679	2,642	2,389	3,122	3,512	3,689	3,586	3,249	2,500	2,570	2,769
Available Reserve ^d	271	264	263	250	287	310	319	314	296	258	262	272
Internal Load ^e	2,938	2,803	2,766	2,513	3,246	3,636	3,813	3,710	3,373	2,624	2,694	2,893
Reserve ^{d,f}	147	140	139	126	163	186	195	190	172	134	138	148

^a Capacity and energy obligations are served through Certified Retail Electric Suppliers or through power supply contracts.

^b Actual data shall be indicated with an asterisk (*).

^c Available Capability is equal to Net Seasonal Capability plus Purchases minus Sales.

^d All of the Companies' native load and internal load are served by Load Serving Entities (LSE), either as a Certified Retail Electric Supplier (CRES) or as suppliers for the Standard Service Offer (SSO). The reserves above are theoretical. The Companies currently are not, nor do they intend to become, an LSE, and therefore do not have any reserves. Reserve requirements are supplied by the LSE.

^e Internal Load equals Native plus Interruptible.

^f Based upon the Unforced Margin w/div as stated in PJM's "Reserve Requirement Study"

Monthly Forecast of Electric Utility's Ohio Service Area Peak Load and Resources
Dedicated to Meet Ohio Service Area Peak Load
(Megawatts)

The Toledo Edison Company

Current Calendar Year -2017												
	Jan*	Feb*	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Net Demonstrated Capability												
Purchases ^a	1,718	1,634	1,607	1,476	1,906	2,076	2,226	2,224	1,974	1,517	1,581	1,690
Sales	0	0	0	0	0	0	0	0	0	0	0	0
Available Capability ^c	1,718	1,634	1,607	1,476	1,906	2,076	2,226	2,224	1,974	1,517	1,581	1,690
Native Load	1,469	1,388	1,363	1,238	1,647	1,809	1,952	1,950	1,712	1,277	1,337	1,442
Available Reserve ^d	249	245	244	238	258	267	274	274	262	240	243	249
Internal Load ^e	1,637	1,556	1,531	1,406	1,815	1,977	2,120	2,118	1,880	1,445	1,505	1,610
Reserve ^{d,f}	81	77	76	70	90	99	106	106	94	72	75	81
Next Calendar Year -2018												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Net Demonstrated Capability												
Net Seasonal Capability												
Purchases ^a	1,745	1,686	1,609	1,478	1,894	2,091	2,240	2,226	1,989	1,516	1,586	1,697
Sales	0	0	0	0	0	0	0	0	0	0	0	0
Available Capability ^c	1,745	1,686	1,609	1,478	1,894	2,091	2,240	2,226	1,989	1,516	1,586	1,697
Native Load	1,493	1,438	1,364	1,239	1,635	1,822	1,963	1,949	1,724	1,274	1,341	1,446
Available Reserve ^d	251	248	245	238	258	270	277	276	265	242	245	250
Internal Load ^e	1,661	1,606	1,532	1,407	1,803	1,990	2,131	2,117	1,892	1,442	1,509	1,614
Reserve ^{d,f}	83	80	77	70	90	102	109	108	97	74	77	82

^a Capacity and energy obligations are served through Certified Retail Electric Suppliers or through power supply contracts.

^b Actual data shall be indicated with an asterisk (*).

^c Available Capability is equal to Net Seasonal Capability plus Purchases minus Sales.

^d All of the Companies' native load and internal load are served by Load Serving Entities (LSE), either as a Certified Retail Electric Supplier (CRES) or as suppliers for the Standard Service Offer (SSO). The reserves above are theoretical. The Companies currently are not, nor do they intend to become, an LSE, and therefore do not have any reserves. Reserve requirements are supplied by the LSE.

^e Internal Load equals Native plus Interruptible.

^f Based upon the Unforced Margin w/div as stated in PJM's "Reserve Requirement Study"

Monthly Forecast of System Peak Load and Resources Dedicated to Meet System Peak Load
(Megawatts)FirstEnergy System ^g

Current Calendar Year: 2017												
	Jan*	Feb*	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Net Demonstrated Capability	0	0	0	0	0	0	0	0	0	0	0	0
Net Seasonal Capability	0	0	0	0	0	0	0	0	0	0	0	0
Purchases ^a	10,113	9,811	8,942	8,168	10,318	11,778	12,460	12,180	11,107	8,589	8,823	9,651
Sales	0	0	0	0	0	0	0	0	0	0	0	0
Available Capability ^c	10,113	9,811	8,942	8,168	10,318	11,778	12,460	12,180	11,107	8,589	8,823	9,651
Native Load	9,080	8,793	7,965	7,228	9,276	10,662	11,312	11,045	10,023	7,626	7,848	8,636
Available Reserve ^d	1,033	1,019	977	941	1,043	1,116	1,148	1,135	1,084	964	975	1,014
Internal Load ^e	9,634	9,347	8,519	7,782	9,830	11,216	11,866	11,599	10,577	8,180	8,402	9,190
Reserve ^{d,f}	479	465	423	387	489	562	594	581	530	410	421	460
Next Calendar Year: 2018												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Net Demonstrated Capability	0	0	0	0	0	0	0	0	0	0	0	0
Net Seasonal Capability	0	0	0	0	0	0	0	0	0	0	0	0
Purchases ^a	9,917	9,527	9,060	8,199	10,313	11,805	12,479	12,177	11,115	8,593	8,845	9,669
Sales	0	0	0	0	0	0	0	0	0	0	0	0
Available Capability ^c	9,917	9,527	9,060	8,199	10,313	11,805	12,479	12,177	11,115	8,593	8,845	9,669
Native Load	8,889	8,519	8,074	7,254	9,267	10,677	11,318	11,031	10,021	7,622	7,861	8,645
Available Reserve ^d	1,027	1,009	986	945	1,046	1,128	1,161	1,146	1,094	972	984	1,024
Internal Load ^e	9,443	9,073	8,628	7,808	9,821	11,231	11,872	11,585	10,575	8,176	8,415	9,199
Reserve ^{d,f}	473	455	432	391	492	574	607	592	540	418	430	470

^a Capacity and energy obligations are served through Certified Retail Electric Suppliers or through power supply contracts.^b Actual data shall be indicated with an asterisk (*).^c Available Capability is equal to Net Seasonal Capability plus Purchases minus Sales.^d All of the Companies' native load and internal load are served by Load Serving Entities (LSE), either as a Certified Retail Electric Supplier (CRES) or as suppliers for the Standard Service Offer (SSO). The reserves above are theoretical. The Companies currently are not, nor do they intend to become, an LSE, and therefore do not have any reserves. Reserve requirements are supplied by the LSE.^e Internal Load equals Native plus Interruptible.^f Based upon the Unforced Margin w/div as stated in PJM's "Reserve Requirement Study".^g These data include energy for Pennsylvania Power as well as the 3 Ohio companies.

4901-5-5-06(A)(6)(c)

PUCO Form FE-R3:

Summary of Existing Electric Generation Facilities for the System ^a
(as of 12/31/2016)

Station Name & Location	Unit No.	Type of Units	Date of First On-Line Service	Expected Retirement Date	Generation Summer (MW)	Generation Winter (MW)	Environmental Protection Measures
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^a Not applicable

4901-5-5-06(A)(6)(d)(i)

PUCO Form FE-R4: Actual Generating Capability Dedicated to Meet Ohio Peak Load ^a
(as of 12/31/2016)

		Unit Designation	Seasonal
Year/Season	Unit Name	Description	Total

^a Not applicable

Unit Designation		Capability	Seasonal	
Year/Season	Unit Name	Description	Changes	Total

^a The companies do not own or operate generation, nor intend to, for the duration of this forecast.

Electric Utility's Actual and Forecast Ohio Peak Load and Resources
Dedicated to Meet Electric Utility's Ohio Peak Load
(Megawatts) - Summer Season

Ohio Edison Company

	(-5)	(-4)	(-3)	(-2)	(-1)	(0)	(1)	(2)
	2012	2013	2014	2015	2016	2017	2018	2019
Net Demonstrated Capability	0	0	0	0	0	0	0	0
Net Seasonal Capability	0	0	0	0	0	0	0	0
Purchases ^a	5,807	5,502	5,130	5,262	5,543	5,485	5,556	5,636
Sales	0	0	0	0	0	0	0	0
Available Capability ^b	5,807	5,502	5,130	5,262	5,543	5,485	5,556	5,636
Native Load	5,503	5,189	4,858	4,979	5,126	4,961	5,024	5,107
Available Reserve ^c	304	313	272	283	416	524	532	529
Internal Load ^d	5,546	5,242	4,884	5,025	5,280	5,223	5,286	5,369
Reserve ^{c e}	261	260	246	237	262	262	270	267
	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	2020	2021	2022	2023	2024	2025	2026	2027
Net Demonstrated Capability	0	0	0	0	0	0	0	0
Net Seasonal Capability	0	0	0	0	0	0	0	0
Purchases ^a	5,714	5,760	5,807	5,855	5,904	5,953	5,980	5,982
Sales	0	0	0	0	0	0	0	0
Available Capability ^b	5,714	5,760	5,807	5,855	5,904	5,953	5,980	5,982
Native Load	5,187	5,231	5,276	5,322	5,368	5,416	5,441	5,443
Available Reserve ^c	527	529	531	533	536	538	539	539
Internal Load ^d	5,449	5,493	5,538	5,584	5,630	5,678	5,703	5,705
Reserve ^{c e}	265	267	269	271	274	276	277	277

^a Capacity and energy obligations are served through Certified Retail Electric Suppliers or through power supply contracts.

^b Available Capability is equal to Net Seasonal Capability plus Purchases minus Sales.

^c All of the Companies native load and internal load is served by Load Serving Entities (LSE), either as a Certified Retail Electric Supplier (CRES) or as suppliers for the Standard Service Offer (SSO). The reserves above are theoretical. The Companies currently are not, nor intend to become an LSE, therefore, do not have any reserves. Reserve requirements are supplied by the LSE.

^d Internal Load equals Native plus Interruptible.

^e Based upon the Unforced Margin w/div as stated in PJM's "Reserve Requirement Study".

Electric Utility's Actual and Forecast Ohio Peak Load and Resources
Dedicated to Meet Electric Utility's Ohio Peak Load
(Megawatts) - Summer Season

The Cleveland Electric Illuminating Company

	(-5)	(-4)	(-3)	(-2)	(-1)	(0)	(1)	(2)
	2012	2013	2014	2015	2016	2017	2018	2019
Net Demonstrated Capability	0	0	0	0	0	0	0	0
Net Seasonal Capability	0	0	0	0	0	0	0	0
Purchases ^a	4,237	4,225	4,032	3,981	4,180	4,039	4,087	4,135
Sales	0	0	0	0	0	0	0	0
Available Capability ^b	4,237	4,225	4,032	3,981	4,180	4,039	4,087	4,135
Native Load	4,015	4,011	3,827	3,733	3,886	3,722	3,764	3,816
Available Reserve ^c	222	214	204	247	294	317	323	320
Internal Load ^d	4,047	4,025	3,838	3,801	3,982	3,846	3,888	3,940
Reserve ^{c e}	190	200	193	179	198	193	199	196
	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	2020	2021	2022	2023	2024	2025	2026	2027
Net Demonstrated Capability								
Net Seasonal Capability								
Purchases ^a	4,175	4,203	4,243	4,297	4,347	4,390	4,421	4,439
Sales	0	0	0	0	0	0	0	0
Available Capability ^b	4,175	4,203	4,243	4,297	4,347	4,390	4,421	4,439
Native Load	3,858	3,884	3,922	3,974	4,022	4,063	4,093	4,109
Available Reserve ^c	318	319	321	323	325	327	329	330
Internal Load ^d	3,982	4,008	4,046	4,098	4,146	4,187	4,217	4,233
Reserve ^{c e}	194	195	197	199	201	203	205	206

^a Capacity and energy obligations are served through Certified Retail Electric Suppliers or through power supply contracts.

^b Available Capability is equal to Net Seasonal Capability plus Purchases minus Sales.

^c All of the Companies native load and internal load is served by Load Serving Entities (LSE), either as a Certified Retail Electric Supplier (CRES) or as suppliers for the Standard Service Offer (SSO). The reserves above are theoretical. The Companies currently are not, nor intend to become an LSE, therefore, do not have any reserves. Reserve requirements are supplied by the LSE.

^d Internal Load equals Native plus Interruptible.

^e Based upon the Unforced Margin w/div as stated in PJM's "Reserve Requirement Study".

Electric Utility's Actual and Forecast Ohio Peak Load and Resources
Dedicated to Meet Electric Utility's Ohio Peak Load
(Megawatts) - Summer Season

The Toledo Edison Company

	(-5)	(-4)	(-3)	(-2)	(-1)	(0)	(1)	(2)
	2012	2013	2014	2015	2016	2017	2018	2019
Net Demonstrated Capability	0	0	0	0	0	0	0	0
Net Seasonal Capability	0	0	0	0	0	0	0	0
Purchases ^a	2,452	2,226	2,185	2,156	2,426	2,263	2,306	2,349
Sales	0	0	0	0	0	0	0	0
Available Capability ^b	2,452	2,226	2,185	2,156	2,426	2,263	2,306	2,349
Native Load	2,214	1,987	1,986	1,891	2,143	1,987	2,026	2,069
Available Reserve ^c	238	239	199	265	283	276	280	279
Internal Load ^d	2,342	2,121	2,080	2,059	2,311	2,155	2,194	2,237
Reserve ^{c e}	110	105	105	97	115	108	112	111
	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	2020	2021	2022	2023	2024	2025	2026	2027
Net Demonstrated Capability	0	0	0	0	0	0	0	0
Net Seasonal Capability	0	0	0	0	0	0	0	0
Purchases ^a	2,393	2,433	2,471	2,517	2,557	2,603	2,624	2,642
Sales	0	0	0	0	0	0	0	0
Available Capability ^b	2,393	2,433	2,471	2,517	2,557	2,603	2,624	2,642
Native Load	2,114	2,152	2,189	2,233	2,271	2,315	2,334	2,352
Available Reserve ^c	279	281	283	285	287	289	290	290
Internal Load ^d	2,282	2,320	2,357	2,401	2,439	2,483	2,502	2,520
Reserve ^{c e}	111	113	115	117	119	121	122	122

^a Capacity and energy obligations are served through Certified Retail Electric Suppliers or through power supply contracts.

^b Available Capability is equal to Net Seasonal Capability plus Purchases minus Sales.

^c All of the Companies native load and internal load is served by Load Serving Entities (LSE), either as a Certified Retail Electric Supplier (CRES) or as suppliers for the Standard Service Offer (SSO). The reserves above are theoretical. The Companies currently are not, nor intend to become an LSE, therefore, do not have any reserves. Reserve requirements are supplied by the LSE.

^d Internal Load equals Native plus Interruptible.

^e Based upon the Unforced Margin w/div as stated in PJM's "Reserve Requirement Study".

Actual and Forecast System Peak Load and Resources Dedicated to Meet System Peak Load
(Megawatts) - Summer Season

FirstEnergy System ^f

	(-5) 2012	(-4) 2013	(-3) 2014	(-2) 2015	(-1) 2016	(0) 2017	(1) 2018	(2) 2019
Net Demonstrated Capability	0	0	0	0	0	0	0	0
Net Seasonal Capability	0	0	0	0	0	0	0	0
Purchases ^a	13,179	12,670	11,981	11,899	12,335	12,460	12,479	12,446
Sales	0	0	0	0	0	0	0	0
Available Capability ^b	13,179	12,670	11,981	11,899	12,335	12,460	12,479	12,446
Native Load	12,384	11,870	11,275	11,080	11,333	11,312	11,318	11,302
Available Reserve ^c	795	800	706	818	1,002	1,148	1,161	1,143
Internal Load ^d	12,587	12,071	11,406	11,362	11,751	11,866	11,872	11,856
Reserve ^{c e}	592	599	575	536	584	594	607	589

	(3) 2020	(4) 2021	(5) 2022	(6) 2023	(7) 2024	(8) 2025	(9) 2026	(10) 2027
Net Demonstrated Capability	0	0	0	0	0	0	0	0
Net Seasonal Capability	0	0	0	0	0	0	0	0
Purchases ^a	12,419	12,420	12,442	12,485	12,522	12,553	12,581	12,620
Sales	0	0	0	0	0	0	0	0
Available Capability ^b	12,419	12,420	12,442	12,485	12,522	12,553	12,581	12,620
Native Load	11,290	11,291	11,312	11,352	11,388	11,417	11,444	11,481
Available Reserve ^c	1,130	1,130	1,131	1,133	1,134	1,136	1,137	1,139
Internal Load ^d	11,844	11,845	11,866	11,906	11,942	11,971	11,998	12,035
Reserve ^{c e}	576	576	577	579	580	582	583	585

^a Capacity and energy obligations are served through Certified Retail Electric Suppliers or through power supply contracts.

^b Available Capability is equal to Net Seasonal Capability plus Purchases minus Sales.

^c All of the Companies native load and internal load is served by Load Serving Entities (LSE), either as a Certified Retail Electric Supplier (CRES) or as suppliers for the Standard Service Offer (SSO). The reserves above are theoretical. The Companies currently are not, nor intend to become an LSE, therefore, do not have any reserves. Reserve requirements are supplied by the LSE.

^d Internal Load equals Native plus Interruptible.

^e Based upon the Unforced Margin w/div as stated in PJM's "Reserve Requirement Study".

^f These data include energy for Pennsylvania Power as well as the 3 Ohio companies.

Electric Utility's Actual and Forecast Ohio Peak Load and Resources
Dedicated to Meet Electric Utility's Ohio Peak Load
(Megawatts) - Winter Season

Ohio Edison Company

	(-5)	(-4)	(-3)	(-2)	(-1)	(0)	(1)	(2)
	2012	2013	2014	2015	2016	2017	2018	2019
Net Demonstrated Capability	0	0	0	0	0	0	0	0
Net Seasonal Capability	0	0	0	0	0	0	0	0
Purchases ^a	4,307	4,711	4,580	4,164	4,194	4,270	4,290	4,268
Sales	0	0	0	0	0	0	0	0
Available Capability ^b	4,307	4,711	4,580	4,164	4,194	4,270	4,290	4,268
Native Load	4,071	4,447	4,349	3,931	3,842	3,805	3,824	3,798
Available Reserve ^c	236	264	232	233	353	464	467	469
Internal Load ^d	4,114	4,500	4,375	3,977	3,996	4,067	4,086	4,060
Reserve ^{c,e}	193	211	206	187	199	202	205	207

	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	2020	2021	2022	2023	2024	2025	2026	2027
Net Demonstrated Capability	0	0	0	0	0	0	0	0
Net Seasonal Capability	0	0	0	0	0	0	0	0
Purchases ^a	4,256	4,256	4,270	4,294	4,301	4,308	4,324	4,348
Sales	0	0	0	0	0	0	0	0
Available Capability ^b	4,256	4,256	4,270	4,294	4,301	4,308	4,324	4,348
Native Load	3,793	3,793	3,806	3,828	3,835	3,842	3,857	3,880
Available Reserve ^c	464	464	464	465	466	466	467	468
Internal Load ^d	4,055	4,055	4,068	4,090	4,097	4,104	4,119	4,142
Reserve ^{c,e}	202	202	202	203	204	204	205	206

^a Capacity and energy obligations are served through Certified Retail Electric Suppliers or through power supply contracts.

^b Available Capability is equal to Net Seasonal Capability plus Purchases minus Sales.

^c All of the Companies native load and internal load is served by Load Serving Entities (LSE), either as a Certified Retail Electric Supplier (CRES) or as suppliers for the Standard Service Offer (SSO). The reserves above are theoretical. The Companies currently are not, nor intend to become an LSE, therefore, do not have any reserves. Reserve requirements are supplied by the LSE.

^d Internal Load equals Native plus Interruptible.

^e Based upon the Unforced Margin w/div as stated in PJM's "Reserve Requirement Study".

Electric Utility's Actual and Forecast Ohio Peak Load and Resources
Dedicated to Meet Electric Utility's Ohio Peak Load
(Megawatts) - Winter Season

The Cleveland Electric Illuminating Company

	(-5)	(-4)	(-3)	(-2)	(-1)	(0)	(1)	(2)
	2012	2013	2014	2015	2016	2017	2018	2019
Net Demonstrated Capability	0	0	0	0	0	0	0	0
Net Seasonal Capability	0	0	0	0	0	0	0	0
Purchases ^a	3,098	3,380	3,284	3,100	3,215	3,148	3,143	3,132
Sales	0	0	0	0	0	0	0	0
Available Capability ^b	3,098	3,380	3,284	3,100	3,215	3,148	3,143	3,132
Native Load	2,927	3,214	3,126	2,893	2,974	2,875	2,869	2,855
Available Reserve ^c	171	166	158	207	240	273	274	276
Internal Load ^d	2,959	3,228	3,137	2,961	3,070	2,999	2,993	2,979
Reserve ^{c,e}	139	152	147	139	144	149	150	152
	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	2020	2021	2022	2023	2024	2025	2026	2027
Net Demonstrated Capability	0	0	0	0	0	0	0	0
Net Seasonal Capability	0	0	0	0	0	0	0	0
Purchases ^a	3,122	3,123	3,136	3,152	3,160	3,167	3,177	3,191
Sales	0	0	0	0	0	0	0	0
Available Capability ^b	3,122	3,123	3,136	3,152	3,160	3,167	3,177	3,191
Native Load	2,850	2,851	2,863	2,879	2,887	2,893	2,903	2,916
Available Reserve ^c	272	272	272	273	274	274	274	275
Internal Load ^d	2,974	2,975	2,987	3,003	3,011	3,017	3,027	3,040
Reserve ^{c,e}	148	148	148	149	150	150	150	151

^a Capacity and energy obligations are served through Certified Retail Electric Suppliers or through power supply contracts.

^b Available Capability is equal to Net Seasonal Capability plus Purchases minus Sales.

^c All of the Companies native load and internal load is served by Load Serving Entities (LSE), either as a Certified Retail Electric Supplier (CRES) or as suppliers for the Standard Service Offer (SSO). The reserves above are theoretical. The Companies currently are not, nor intend to become an LSE, therefore, do not have any reserves. Reserve requirements are supplied by the LSE.

^d Internal Load equals Native plus Interruptible.

^e Based upon the Unforced Margin w/div as stated in PJM's "Reserve Requirement Study".

PUCO Form FE-R8: Electric Utility's Actual and Forecast Ohio Peak Load and Resources
Dedicated to Meet Electric Utility's Ohio Peak Load
(Megawatts) - Winter Season

The Toledo Edison Company

	(-5)	(-4)	(-3)	(-2)	(-1)	(0)	(1)	(2)
	2012	2013	2014	2015	2016	2017	2018	2019
Net Demonstrated Capability	0	0	0	0	0	0	0	0
Net Seasonal Capability	0	0	0	0	0	0	0	0
Purchases ^a	1,650	1,743	1,769	1,763	1,820	1,744	1,750	1,752
Sales	0	0	0	0	0	0	0	0
Available Capability ^b	1,650	1,743	1,769	1,763	1,820	1,744	1,750	1,752
Native Load	1,448	1,531	1,596	1,516	1,570	1,493	1,499	1,499
Available Reserve ^c	202	212	173	247	250	251	252	253
Internal Load ^d	1,576	1,665	1,690	1,684	1,738	1,661	1,667	1,667
Reserve ^{c,e}	74	78	79	79	82	83	84	85
	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	2020	2021	2022	2023	2024	2025	2026	2027
Net Demonstrated Capability	0	0	0	0	0	0	0	0
Net Seasonal Capability	0	0	0	0	0	0	0	0
Purchases ^a	1,753	1,762	1,772	1,783	1,792	1,802	1,814	1,826
Sales	0	0	0	0	0	0	0	0
Available Capability ^b	1,753	1,762	1,772	1,783	1,792	1,802	1,814	1,826
Native Load	1,502	1,510	1,520	1,530	1,539	1,549	1,560	1,571
Available Reserve ^c	251	251	252	252	253	253	254	254
Internal Load ^d	1,670	1,678	1,688	1,698	1,707	1,717	1,728	1,739
Reserve ^{c,e}	83	83	84	84	85	85	86	86

^a Capacity and energy obligations are served through Certified Retail Electric Suppliers or through power supply contracts.

^b Available Capability is equal to Net Seasonal Capability plus Purchases minus Sales.

^c All of the Companies native load and internal load is served by Load Serving Entities (LSE), either as a Certified Retail Electric Supplier (CRES) or as suppliers for the Standard Service Offer (SSO). The reserves above are theoretical. The Companies currently are not, nor intend to become an LSE, therefore, do not have any reserves. Reserve requirements are supplied by the LSE.

^d Internal Load equals Native plus Interruptible.

^e Based upon the Unforced Margin w/div as stated in PJM's "Reserve Requirement Study".

Actual and Forecast System Peak Load and Resources Dedicated to Meet System Peak Load
(Megawatts) - Winter SeasonFirstEnergy System ^f

	(-5)	(-4)	(-3)	(-2)	(-1)	(0)	(1)	(2)
	2012	2013	2014	2015	2016	2017	2018	2019
Net Demonstrated Capability								
Net Seasonal Capability								
Purchases ^a	9,810	10,787	10,485	9,844	10,090	9,913	9,930	9,895
Sales								
Available Capability ^b	9,810	10,787	10,485	9,844	10,090	9,913	9,930	9,895
Native Load	9,167	10,102	9,884	9,120	9,194	8,889	8,903	8,860
Available Reserve ^c	643	685	602	724	896	1,023	1,028	1,035
Internal Load ^d	9,370	10,303	10,015	9,402	9,612	9,443	9,457	9,414
Reserve ^{c,e}	440	484	471	442	478	469	474	481
	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	2020	2021	2022	2023	2024	2025	2026	2027
Net Demonstrated Capability								
Net Seasonal Capability								
Purchases ^a	9,870	9,877	9,913	9,964	9,990	10,015	10,053	10,104
Sales								
Available Capability ^b	9,870	9,877	9,913	9,964	9,990	10,015	10,053	10,104
Native Load	8,849	8,855	8,890	8,938	8,963	8,987	9,023	9,071
Available Reserve ^c	1,021	1,022	1,023	1,026	1,027	1,028	1,030	1,032
Internal Load ^d	9,403	9,409	9,444	9,492	9,517	9,541	9,577	9,625
Reserve ^{c,e}	467	468	469	472	473	474	476	478

^a Capacity and energy obligations are served through Certified Retail Electric Suppliers or through power supply contracts.^b Available Capability is equal to Net Seasonal Capability plus Purchases minus Sales.^c All of the Companies native load and internal load is served by Load Serving Entities (LSE), either as a Certified Retail Electric Supplier (CRES) or as suppliers for the Standard Service Offer (SSO). The reserves above are theoretical. The Companies currently are not, nor intend to become an LSE, therefore, do not have any reserves. Reserve requirements are supplied by the LSE.^d Internal Load equals Native plus Interruptible.^e Based upon the Unforced Margin w/div as stated in PJM's "Reserve Requirement Study".^f These data include energy for Pennsylvania Power as well as the 3 Ohio companies.

1. Facility Name
2. Facility Location
3. Facility Type
4. Anticipated Capability
5. Anticipated Capital Cost
6. Application Timing
7. Construction Timing
8. Planned Pollution Control Measures
9. Fuel
10. Miscellaneous

^a The companies do not own or operate generation, nor intend to, for the duration of this forecast.

APPENDIX LIBRARIES

Ashland County: Ashland County District Library 224 Claremont Avenue Ashland, OH 44805	Fayette County: Carnegie Public Library 127 S. North Street Washington C.H., OH 43160
Ashtabula County: Ashtabula County District Library 335 W. 44th Street Ashtabula, OH 44004	Franklin County: Columbus Metropolitan Library Attn: N. Friday, Biography, History & Travel Division 96 S. Grant Avenue Columbus, OH 43215
Carroll County: Carroll County District Library 70 Second St NE Carrollton, OH 44615	Fulton County: Delta Public Library 402 Main Street Delta, OH 43515
Champaign County: Champaign County Library 1060 Scioto Street Urbana, OH 43078	Geauga County: Geauga County Public Library 12701 Ravenwood Drive Chardon, OH 44024
Clark County: Clark County Public Library 201 S. Fountain Avenue – PO Box 1080 Springfield, OH 45506	Greene County: Hallie Q. Brown Memorial Library Central State University 1400 Brush Row Road, Box # 1006 Wilberforce, OH 45384
Columbiana County: Carnegie Public Library 219 E. Fourth Street East Liverpool, OH 43920	Greene County: Greene County District Library 76 East Market Street, POB 520 Xenia, OH 45385
Columbiana County: Lepper Library 303 E. Lincoln Way Lisbon, OH 44432	Henry County: Napoleon Public Library 310 W. Clinton Street Napoleon, OH 43545
Crawford County: Bucyrus Public Library 200 E. Mansfield Bucyrus, OH 44820	Holmes County: Holmes County District Library 3102 Glen Drive Millersburg, OH 44654
Cuyahoga County: Cleveland Public Library Reference Division 325 Superior Avenue, N.E. Cleveland, OH 44114	Huron County: Willard Memorial Library 6 W. Emerald Street Willard, OH 44890
Cuyahoga County: Cuyahoga County Public Library Maple Heights Regional 5225 Library Lane Maple Heights, OH 44137	Knox County: Mt. Vernon Public Library 201 N. Mulberry Street Mt. Vernon, OH 43050
Defiance County: Defiance Public Library 320 Fort Street Defiance, OH 43512	Lake County: Morley Library 184 Phelps Street Painesville, OH 44077
Delaware County: Delaware County District Library 84 E. Winter Street Delaware, OH 43015	Lorain County: Lorain Public Library 351 Sixth Street Lorain, OH 44052

Erie County: Sandusky Library 114 W. Adams Street Sandusky, OH 44870	Lorain County: Oberlin College Library Reference Division 148 W. College Street Oberlin, OH 44074
Erie County: Huron Public Library 333 Williams Street Huron, OH 44839	Lorain County: Elyria Public Library 320 Washington Avenue Elyria, OH 44035
Lucas County: Toledo-Lucas County Public Library Reference Division 325 Michigan Street Toledo, OH 43604	Richland County: Mansfield/Richfield Public Library 43 W. Third Street Mansfield, OH 44902
Lucas County: William S. Carlson Library University of Toledo Reference Division 2801 West Bancroft Street	Sandusky County: Birchard Public Library 423 Croghan Street Fremont, OH 43420
Madison County: London Public Library 20 E. First Street London, OH 43140	Seneca County: Tiffin-Seneca Public Library 77 Jefferson Street Tiffin, OH 44883
Madison County: Hurt/Battelle Memorial Library 270 Lilly Chapel Road West Jefferson, OH 43162	Stark County: Stark County District Library 715 Market Ave., N. Canton, OH 44702
Mahoning County: Public Library of Youngstown Reference Division 305 Wick Avenue Youngstown, OH 44503	Summit County: Akron-Summit County Public Library 60 South High Street Akron, OH 44326
Marion County: Marion Public Library 445 E. Church Street Marion, OH 43302	Trumbull County: Warren-Trumbull County Public Library 444 Mahoning Avenue, N.W. Warren, OH 44483
Medina County: Troy- Miami Public Library 416 W Main St Troy, OH 44256	Tuscarawas County: Tuscarawas County Public Library 121 Fair Avenue., N.W. New Philadelphia, OH 44663
Miami County: Medina County District Library 210 S. Broadway Medina, OH 44256	Union County: Marysville Public Library 231 S. Plum Street Marysville, OH 43040
Morrow County: Mt. Gilead Free Public Library 41 E. High Street Mt. Gilead, OH 43338	Wayne County: Wayne County Public Library 304 N. Market Street Wooster, OH 44691
Ottawa County: Ida Rupp Public Library 310 Madison Street Port Clinton, OH 43452	Williams County: Williams County Public Library 107 E. High Street Bryan, OH 43506

Portage County: Portage County District Library 10482 South Street Garrettsville, OH 44231	Wood County: Wood County District Public Library 251 N. Main Street Bowling Green, OH 43402
Portage County: Kent State University Library Serials Department 1 Eastway Drive, P.O. Box 5190 Kent, OH 44242	Wood County: William T. Jerome Library Bowling Green State University Documents Librarian Bowling Green, OH 43403
Putnam County: Putnam County District Library Educational Service Center 124 Putnam Parkway Ottawa, OH 45875	Wyandot County: Upper Sandusky Community Library 301 N. Sandusky Avenue Upper Sandusky, OH 43351

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in

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

Summary: Application In the Matter of the Long-Term Forecasting Report electronically filed by Ms. Tamera J Singleton on behalf of Ohio Edison Company and The Cleveland Electric Illuminating Company and The Toledo Edison Company and American Transmission Systems Incorporated and Endris, Robert M. Mr.