07-501-EL-FOR 07-502-EL-FOR

COLUMBUS SOUTHERN POWER COMPANY AND OHIO POWER COMPANY

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PUCO

LONG-TERM FORECAST REPORT

TO THE

PUBLIC UTILITIES COMMISSION OF OHIO

2007

ELECTRIC

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OPCo: Case No. 07-501-EL-FOR CSP: Case No. 07-502-EL-FOR

LONG-TERM FORECAST REPORT

TO THE

PUBLIC UTILITIES COMMISSION OF OHIO

Submitted by

COLUMBUS SOUTHERN POWER COMPANY
Suite 800
88 East Broad Street
Columbus, Ohio 43215
Telephone: (614) 716-1000

And

OHIO POWER COMPANY
Suite 800
88 East Broad Street
Columbus, Ohio 43215
Telephone: (614) 716-1000

STATEMENT PURSUANT TO SECTION 4901:5-1-03(D), OHIO ADMINISTRATIVE CODE

Columbus Southern Power and Ohio Power Companies' 2007 Long-Term Forecast Report is true and correct to the best of my knowledge and belief.

K. E. Walker

President and Chief Operating Officer Columbus Southern Power Company and Ohio Power Company

April 13, 2007 Dated this day in Columbus, Ohio

CERTIFICATE OF SERVICE

I hereby certify that:

- Pursuant to Section 4901:5-1-03(F), Ohio Administrative Code, copies of Columbus Southern Power Company's and Ohio Power Company's 2007 Long-Term Forecast Report have been delivered or mailed to the Office of Consumers' Counsel on the day of the filing;
- Pursuant to Section 4901:5-1-03(G), Ohio Administrative Code, a letter of notification stating where copies of Columbus Southern Power Company's and Ohio Power Company's 2007 Long-Term Forecast Report to the Public Utilities Commission of Ohio may be obtained, will be sent by first class mail to the appropriate county libraries within three days of filing;
- Pursuant to Section 4901:5-1-03(H), Ohio Administrative Code, Columbus Southern Power Company and Ohio Power Company will keep at least one copy of their 2007 Long-Term Forecast Report at their principal business office for public inspection during business hours; and
- 4. Pursuant to Section 4901:5-1-03(I), Ohio Administrative Code, Columbus Southern Power Company and Ohio Power Company will provide a copy of their 2007 Long-Term Forecast Report to any person upon request at a cost to cover the expenses incurred.

Marvin I. Resnik

American Electric Power Service Corporation

1 Riverside Plaza

Columbus, Ohio 43215

(614) 716-1606

Attorney for

Columbus Southern Power Company and

Ohio Power Company

April 13, 2007 Dated this day in Columbus, Ohio

CSP/OP 2007

Company: Columbus Southern Power

PUCO FORM FE3-T1:

TRANSMISSION ENERGY DELIVERY FORECAST

(13) ENERGY DELIVERIES FOR

(12) ENERGY

LOADS CONNECTED TO THE SYSTEM OUTSIDE OHIO

LOADS CONNECTED TO THE SYSTEM INSIDE OHIO DELIVERIES FOR

TOTAL ENERGY
DELIVERIES FOR I
LOAD CONNECTED
TO THE SYSTEM

(11)-(12)

21 784,741 20,145,063

21,784,741

(3)(3)

23,735,805 21,628,120

20,145,063 23,735,805 22,764,111

22,764,111

21,628,120

INTERCONNECTIONS 16,523,599 13,815,738 14,623,664 14,689,203 14,348,977 TOTAL ENERGY DELIVERIES AT (8)+(9) WITH OTHER TRANSMISSION COMPANIES OUTSIDE (9) ENERGY DELIVERES INTERCONNECTIONS (8)
ENERGY DELYERIES E
AT WITH OTHER
TRANSMISSION
COMPANIES INSIDE INTERCONNECTIONS 16,523,599 14,348,977 13,815,738 14,623,664 14,689,203 (7)
TOTAL ENERGY TECEIPTS 37,551,543 36,251,784 37,453,314 36,133,718 36,668,662 (3)+(6) TOTAL ENERGY RECEPTS AT INTERCONNECTIONS 21,707,448 20,675,748 22,215,049 22,376,092 21,424,951 (£) 9 (4) (5) ENERGY RECEIPTS AT ENERGY RECEIPTS AT I ENTERCONNECTIONS WITH OTHER WITH OTHER TRANSMISSION TRANSMISSION TRANSMISSION TRANSMISSION OTHER 21,707,448 20,675,748 22,215,049 22,376,092 21,424,951 TOTAL ENERGY
RECEIPTS FROM
GENERATION 16,875,795 14,036,735 14,426,270 15,243,711 15,077,222 SOURCES (1)±(2) 9 (Megawatt Hours/Year) (a) 0 (2)
ENERGY
RECEIPTS
FROM
GENERATION
SOURCES
CONNECTED
TO THE
SYSTEM
OUTSIDE OHIO ENERGY RECEIPTS FROM SOURCES CONNECTED TO THE OWNER'S SYSTEM INSIDE OHIO 14,426,270 16,875,795 14,036,735 15,077,222 15,243,711 GENERATION (1) 2006 YEAR 2002 2003 2004 2005 40 •3 7

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

Historical date are based on <u>metered quantities.</u>

Date exclude TDUs (transmission-dependent-utilities) wholly within Company's control area.

Company: Ohio Power

PUCO FORM FE3-T1:

TRANSMISSION ENERGY DELIVERY FORECAST (Messwatt Hours/Year) (a)

The column The	1	-	(Megawatt Hours/Year) (a)	irs/Year) (a)										
32.797.236 21.983,570 54.780,806 13.889,940 37.864,829 51,734,789 106,515,575 26,682,691 38,004,505 64,687,198 41,843,379 37.752,872 23,816,003 61,588,875 13,661,272 39,283,045 52,924,317 114,493,192 30,595,786 42,624,800 73,220,386 41,272,806 38,724,770 20,954,705 60,679,475 10,861,818 41,035,045 51,898,883 112,576,338 27,948,351 45,479,491 73,427,842 38,744,878 20,513,985 57,928,863 11,945,480 31,855,148 43,800,628 101,729,491 24,508,771 42,001,016 66,509,787 35,719,704,878 20,513,985 57,928,863 11,945,480 31,855,148 43,800,628 101,729,491 24,508,771 42,001,016 66,509,787 35,719,704	YEAI				(4) ENERGY RECEIPTS AT INTERCONNECTIONS WITH OTHER TRANSMISSION COMPANIES INSIDE OHIO	(5) ENERGY RECEIPTS AT BYTERCONNECTIONS WITH GYMER TEANMAISSION COMPANIES OUTSIDE OHIO	(6) TOTAL ENERGY RECEIPS AT RATERCONNECTIONS	(7) TOTAL ENERGY RECEIPTS		(9) EMERGY DELIVERIES AT MYTH OTHER TRANSMISSION COMPANIES OUTSIDE OHIO	(10) TOTAL EMERGY DELIVERIES AT INTERCONNECTIONS	(11) TOTAL ENERGY DELIVERIES FOR LOAD CONNECTED TO THE SYSTEM	(12) ENERGY DELIVERIES FOR 1 LOADS CONNECTED TO THE SYSTEM INSIDE OFFICE	(13) ENERGY DELIVERIES FOR LOADS CONNECTED TO THE SYSTEM OUTSIDE CHIO
32,797,236 21,983,570 54,780,806 13,869,940 37,864,829 51,734,769 106,515,575 26,662,691 38,004,505 64,667,198 41,848,379 37,752,872 23,816,003 61,568,875 13,661,272 39,263,045 52,924,317 114,493,192 30,595,786 42,624,600 73,220,386 41,272,806 38,724,770 20,954,705 60,678,475 10,881,818 41,035,045 51,896,883 112,576,338 27,948,351 45,778,470 36,724,770 42,508,777 42,508,787 35,219,704 37,414,878 20,513,985 57,928,863 11,345,480 31,855,148 43,800,628 101,729,491 24,508,771 42,001,016 66,509,787 35,219,704				(1)+(2)			(4)+(5)	(3)+(6)			(8)+(8)	(7)-(10)		(11)-(12)
37,752,872 23,816,003 61,568,875 13,661,272 39,263,045 52,924,317 114,493,192 30,595,786 42,624,600 73,220,386 41,272,806 38,587,247 21,538,811 60,126,058 12,649,622 42,316,227 54,965,849 116,091,907 27,796,879 45,837,684 73,634,649 41,457,364 38,724,770 20,954,705 60,678,475 10,861,818 41,035,045 51,896,863 112,576,338 27,948,351 45,479,491 73,474,849 37,414,878 20,513,985 57,928,863 11,945,480 31,855,148 43,800,628 101,729,491 24,508,771 42,001,016 66,509,787 35,219,704	2	_		I			51,734,769	106,515,575	26,662,691	38,004,505	64,667,198		40,064,869	1,783,510
38,587,247 21,538,811 60,126,058 12,649,622 42,316,227 54,965,849 115,091,907 27,796,879 45,837,664 73,634,542 38,724,770 20,954,705 60,679,475 10,861,818 41,035,045 51,896,863 112,576,338 27,948,351 45,479,491 73,427,842 37,414,878 20,513,985 57,928,863 11,945,480 31,855,148 43,800,628 101,729,491 24,508,771 42,001,016 66,509,787	12	┢					52,924,317	114,493,192	30,595,786	42,624,600	73,220,386		39,388,806	1,884,000
39,724,770 20,954,705 60,678,475 10,861,818 41,035,045 51,896,863 112,576,338 27,948,351 45,479,491 73,427,842 39,148,496 37,414,878 20,513,985 57,928,863 11,945,480 31,855,148 43,800,628 101,729,491 24,508,771 42,001,016 66,509,787 35,219,704	12	⊢	1			42,316,227	54,965,849	115,091,907	27,796,879	45,837,664	73,634,543		39,402,473	2,054,891
37,414,878 20,513,985 57,928,863 11,945,480 31,855,148 43,800,628 101,729,491 24,508,771 42,001,016 66,509,787 35,219,704	12	┢╌		05 60,679,475	_	41,035,045	51,896,863	112,576,338	27,948,351	45,479,491	73,427,842	: _	36,927,867	2,220,629
	2	←]	· -	43,800,628	101,729,491	24,508,771	42,001,016	66,509,787	35,219,704	33,101,117	2,118,587
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To be filled out by electric transmission owners operating in Ohio.
Historical data are based on metered quantities.
Data exclude TDUs (transmission-dependent-utilities) wholly within Company's control area.
With regard to interconnections with multistate utilities (e.g. Cinergy, Allegheny Power), the location of the meter, Inside/outside Ohio, was the determining factor for columns (4) & (5) data.

Company: American Electric Power - East Zone

TRANSMISSION ENERGY DELIVERS FOR
PICO PORM PER-TI:

ſ	(13) ENERGY DELIVERIES FOR LOADS CONNECTED TO THE SYSTEM	OUTSIDE OHIO	(11)-(12)	6	ő	0	٥	ि	T									
-	OR DELIVE LO CONNE		Ξ -	ö	0	0	0	0	+				-	1	-	-	<u> </u>	-
	<u> 5</u> 0	INSIDE OHIO																
	(11) TOTAL ENERGY DELIVERIES FOR LOAD CONNECTED TO THE SYSTEM		•		135,766,724	139,671,953	141,065,670	137,169,589										
	(10) TOTAL ENERGY DELIVERIES AT INTERCONNECTIONS		(8)+(8)	94,060,392	100,976,862	97,508,346	131,985,509	98,635,464										
	EMERGY DELIVERIES BYERGY DELIVERIES AT AT AT AT AT AT AT AT AT ATHER CONNECTIONS WITH OTHER ATH	COMPAVIES OUTSIDE OFBO		0	0	0	0	0										
	(8) ENERGY DELIVERES AT INTERCONNECTIONS WITH OTHER TRANSMISSION	COMPANTES INSIDE OFFICE		0	0	0	0	0										
	(7) TOTAL ENERGY RECEIPTS		(3)+(6)	229,108,772	236,743,586	237,180,299	273,051,179	80,911,615 235,805,053										
	(6) TOTAL ENERGY RECEIPTS AT INTERCONNIECTIONS		(4)+(5)	83,197,164	82,529,240	85,357,558	116,712,318	80,911,615										
	(5) ENERGY RECEIPTS AT ENTERCONNECTIONS WITH OTHER	COMPANIES CUTSIDE OHIO		0	0	0	0	0										
TRANSMISSION ENERGY DELIVERY FORECAST (Merewatt Hours/Year) (a)	(4) (5) ENERGY RECEIPTS ENERGY RECEIPTS WITH OTHER WITH	COMPANES INSIDE OHIO		0	0	0	0	0										
MISSION ENERGY DELL (Megawatt Hours/Year) (a)	(3) TOTAL ENERGY RECEIPTS FROM GENERATION SOURCES		(1)+(2)	1	154,214,346	151,822,741	156,338,861	0 154,893,438										
TRANSMISSIO?	(3 ENE RECEIPT GENER SOUTH	CONNECTED TO THE SYSTEM OUTSIDE OHO		0	0	0	0	0										
E3-T1;	(1) ENERGY RECHIPTS FROM GENERATION SOURCES	CONNECTED TO THE OWNER'S SYSTEM INSIDE OHO																
PUCO FORM PE3-T1;	YBAR			2002	2003	2004	2005	2006				····			_			
8				4	4	ņ	2	7	0	-	ا ۲	- -	* \	۰ ۰	۰	٠ ،	۰	۶ د

To be filled out by electric transmission owners operating in Ohio. Historical data are based on <u>metered quantities.</u> Data exclude TDUs (transmission-dependent-utilities) wholly within Company's control area. **3**39

PUCO FORM FE3-T2: COLUMBUS SOUTHERN POWER COMPANY SYSTEM SEASONAL PEAK LOAD DEMAND FORECAST (Megawatts)

		Fim	Load	Total	Load
	Year	Summer	Winter(a)	Summer	Winter(a)
-5	2002	4,424	3,636	4,424	3,636
-4	2003	4,299	3,587	. 4,299	3,587
-3	2004	4,174	3,560	4,178	3,560
-2	2005	4,782	3,765	4,782	3,765
-1	2006	5,160	3,813	5,160	3,813
0	2007	5,218	4,103	5,223	4,103
1	2008	5,263	4,178	5,268	4,178
2	2009	- 5,333	4,251	5,338	4,251
3	2010	5,412	4,320	5,417	4,320
4	2011	5,487	4,384	5,492	4,384
5	2012	5,555	4,444	5,560	4,444
6	2013	5,626	4,510	5,631	4,510
7	2014	5,701	4,574	5,706	4,574
8	2015	5,776	4,638	5,781	4,638
9	2016	5,846	4,697	5,851	4,697
10	2017	5,914	4,754	5,919	4,754

⁽a) Winter load reference is to peak loads for the winter following the summer peak load.

Note: The annual change in growth rate reflected on this schedule which is greater than 0.5% is attributable to the inclusion of service to Ormet as a new customer. Pursuant to the settlement in Case Nos. 06-501 and 502-EL-FOR, which was approved by the Public Utilities Commission of Ohio's January 31, 2007 Finding and Order in those dockets, Staff will not request a hearing on the 2007 LTFR based on the "substantial change" criterion.

PUCO FORM FE3-T2: OHIO POWER COMPANY (OHIO SERVICE AREA) SYSTEM SEASONAL PEAK LOAD DEMAND FORECAST (Megawatts)

		Firm	Load	Total	Load
	Year	Summer	Winter(a)	Summer	Winter(a)
-5	2002	6,328	5,859	6,440	5,882
-4	2003	6,148	5,921	6,195	5,944
-3	2004	5,847	5,553	5,921	5,575
-2	2005	6,230	5,562	6,232	5,598
-1	2006	5,956	5,108	5,956	5,255
0	2007	5,875	5,384	6,048	5,531
1	2008	5,940	5,412	6,113	5,559
2	2009	6,006	5,472	6,179	5,619
3	2010	6,067	5,528	6,240	5,675
4	2011	6,119	5,575	6,292	5,722
5	2012	6,172	5,629	6,345	5,776
6	2013	6,236	5,696	6,409	5,843
7	2014	6,316	5,769	6,489	5,916
- 8	2015	6,381	5,822	6,554	5,969
9	2016	6,435	5,868	6,608	6,015
10	2017	6,482	5,912	6,655	6,059

⁽a) Winter load reference is to peak loads for the winter following the summer peak load.

Note: The annual change in growth rate reflected on this schedule which is greater than 0.5% is attributable to the inclusion of service to Ormet as a new customer. Pursuant to the settlement in Case Nos. 06-501 and 502-EL-FOR, which was approved by the Public Utilities Commission of Ohlo's January 31, 2007 Finding and Order in those dockets, Staff will not request a hearing on the 2007 LTFR based on the "substantial change" criterion.

PUCO FORM FE3-T2: OHIO POWER COMPANY
SYSTEM SEASONAL PEAK LOAD DEMAND FORECAST (Megawatts)

		Firm	Load	Total	Load
	<u>Year</u>	Summer	Winter(a)	Summer	Winter(a)
-5	2002	6,591	6,126	6,703	6,1 49
-4	2003	6,424	6,179	6,471	6,202
-3	2004	6,118	5,882	6,192	5,904
-2	2005	6,541	5,832	6,543	5,868
-1	2006	6,097	5,430	6,270	5,577
0	2007	6,222	5,716	6,395	5,863
1	2008	6,291	5,750	6,464	5,897
2	2009	6,356	5,809	6,529	5,956
3	2010	6,414	5,863	6,587	6,010
4	2011	6,463	5,909	6,636	6,056
5	2012	6,517	5,965	6,690	6,112
6	2013	6,583	6,033	6,756	6,180
7	2014	6,665	6,108	6,838	6,255
8	2015	6,730	6,160	6,903	6,307
9	2016	6,783	6,207	6,956	6,354
10	2017	6,831	6,252	7,004	6,399

⁽a) Winter load reference is to peak loads for the winter following the summer peak load.

PUCO FORM FE3-T2: AEP SYSTEM - EAST ZONE SYSTEM SEASONAL PEAK LOAD DEMAND FORECAST (Megawatts)

		Firm	Load	Total	Load
	<u>Year</u>	Summer	Winter(a)	Summer	Winter(a)
-5	2002	22,768	22,257	23,129	22,337
-4	2003	22,261	21,302	22,577	21,658
-3	2004	21,472	21,992	21,886	22,338
-2	2005	23,624	21,920	23,920	22,367
-1	2006	24,225	21,905	24,839	22,436
0	2007	24,330	22,742	24,944	23,273
1	2008	24,605	22,965	25,219	23,496
2	2009	24,898	23,252	25,512	23,783
3	2010	25,179	23,484	25,793	24,015
4	2011	25,464	23,687	26,078	24,218
5	2012	25,693	23,879	26,307	24,410
6	2013	25,960	24,139	26,574	24,670
7	2014	26,200	24,414	26,814	24,945
8	2015	26,451	24,674	27,065	25,205
9	2016	26,759	24,849	27,373	25,380
10	2017	27,030	25,039	27,644	25,570

⁽a) Winter load reference is to peak loads for the winter following the summer peak load.

PUCO FORM FE3-T3: COLUMBUS SOUTHERN POWER COMPANY TOTAL MONTHLY ENERGY FORECAST (MWh)

Year 0	<u>Ohio</u>	<u>Total</u>	AEP (a)
	<u>Portion</u>	Service Area	<u>System</u>
January	2,196,406	2,196,406	13,008,848
February	2,031,572	2,031,572	11,977,761
March	2,004,142	2,004,142	11,455,729
April	1,902,897	1,902,897	10,586,223
May	2,020,803	2,020,803	10,789,788
June	2,295,533	2,295,533	11,792,144
July	2,542,657	2,542,657	12,820,544
August	2,508,005	2,508,005	12,817,329
September	2,214,585	2,214,585	11,594,853
October	1,982,937	1,982,937	10,767,177
November	2,087,898	2,087,898	11,519,990
December	2,358,111	2,358,111	13,204,117
Year 1			
10011			
January	2,400,718	2,400,718	13,565,444
February	2,268,330	2,268,330	12,874,970
March	2,155,169	2,155,169	11,950,125
April	1,992,214	1, 992,21 4	10,910,688
May	2,049,893	2,049,893	11,002,687
June	2,335,851	2,335,851	12,037,103
July	2,588,284	2,588,284	13,045,596
August	2,479,781	2,479,781	12,790,298
September	2,214,735	2,214,735	11,672,830
October	2,048,019	2,048,019	11,061,630
November	2,142,023	2,142,023	11,717,833
December	2,390,239	2,390,239	13,310,121

⁽a) AEP System is the AEP Zone of PJM.

PUCO FORM FE3-T3: OHIO POWER COMPANY TOTAL MONTHLY ENERGY FORECAST (MWh)

Year 0	<u>Ohio</u> Portion	<u>Total</u> Service Area	AEP (b)
	<u>FORION</u>	GEI VICE AI GA	<u>System</u>
January	3,017,623	3,208,644	13,008,848
February	2,825,815	2,999,179	11,977,761
March	2,838,566	3,003,793	11,455,729
April	2,682,655	2,840,983	10,586,223
May	2,728,174	2,887,236	10,789,788
June	2,915,557	3,083,664	11,792,144
July	3,133,466	3,314,493	12,820,544
August	3,139,911	3,334,094	12,817,329
September	2,882,184	3,051,631	11,594,853
October	2,744,318	2,900,633	10,767,177
November	2,858,691	3,037,258	11,519,990
December	3,145,969	3,337,049	13,204,117
Year 1			
i cai i			
January	3,215,620	3,411,435	13,565,444
February	3,073,921	3,258,161	12,874,970
March	2,992,130	3,162,866	11,950,125
April	2,765,204	2,934,710	10,910,688
May	2,778,907	2,950,751	11,002,687
June	2,952,955	3,134,971	12,037,103
July	3,154,738	3,340,898	13,045,596
August	3,141,054	3,338,058	12,790,298
September	2,913,367	3,086,910	11,672,830
October	2,820,791	2,979,697	11,061,630
November	2,892,547	3,072,235	11,717,833
December	3,151,990	3,342,968	13,310,121

⁽a) AEP System is the AEP Zone of PJM.

PUCO FORM FE3-T4: COLUMBUS SOUTHERN POWER COMPANY MONTHLY PEAK INTERNAL LOAD (a) FORECAST (Megawatts)

Year 0	Ohio Portion	<u>Total</u> <u>Service Area</u>	AEP (b) System
January	3,813	3,813	22,436
February	3,730	3,730	21,945
March	3,495	3,495	19,928
April	3,336	3,336	18,454
May	3,891	3,891	19,742
June	4,680	4,680	23,263
July	5,223	5,223	24,944
August	5,000	5,000	24,068
Septemb er	4,556	4,556	22,324
October	3,379	3,379	17,558
November	3,591	3,591	20,025
December	4,000	4,000	22,442
Year 1			
January	4,103	4,103	23,273
February	4,004	4,004	22,763
March	3,734	3,734	20,793
April	3,476	3,476	18,944
May	3,942	3,942	20,178
June	4,765	4,765	23,749
July	5,268	5,268	25,219
August	4,965	4,9 6 5	24,448
September	4,554	4,554	22,428
October	3,493	3,493	18,042
November	3,696	3,696	20,480
December	4,054	4,054	22,590

⁽a) Data reflect monthly peak internal load for the transmission system.(b) AEP System is the AEP Zone of PJM.

PUCO FORM FE3-T4: OHIO POWER COMPANY MONTHLY PEAK INTERNAL LOAD (a) FORECAST (Megawatts)

Year 0	<u>Ohio</u> <u>Portion</u>	<u>Total</u> <u>Service Area</u>	AEP (b) System
January	5,255	5,577	22,436
February	5,170	5,479	21,945
March	4,956	5,239	19,928
April	4,796	5,076	18,454
Мау	4,904	5,166	19,742
June	5,802	6 ,118	23,263
July	6,024	6,354	24,944
August	6,048	6 ,395	24,068
September	5,574	5,879	22,324
October	4,762	5,022	17,558
November	5,066	5,362	20,025
December	5,504	5,818	22,442
Year 1			
January	5,531	5,863	23,273
February	5,420	5,738	22,763
March	5,207	5,490	20,793
April	4,927	5,225	18,9 44
May	5,022	5,302	20,178
June	5,883	6,222	23,749
July	6,067	6,405	25,219
August	6,113	6,464	24,448
September	5,639	5,948	22,428
October	4,896	5,161	18,042
November	5,1 5 4	5,461	20,480
December	5,514	5,828	22,590

⁽a) Data reflect monthly peak internal load for the transmission system.(b) AEP System is the AEP Zone of PJM.

PART A: SOURCES OF ENERGY

Company: COLUMBUS SOUTHERN POWER

Reporting Month: January 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system			1,243,614
Energy Receipts from other sources			2,007,851
Total Energy Receipts			3,251,465

Reporting Month: February 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system			1,276,499
Energy Receipts from other sources			1,882,576
Total Energy Receipts			3,159,075

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART A: SOURCES OF ENERGY

Company: COLUMBUS SOUTHERN POWER

Reporting Month: March 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system			1,204,128
Energy Receipts from other sources			1,7 8 9,752
Total Energy Receipts			2,993,880

Reporting Month: April 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system	5011100	Dervice	1,089,452
Energy Receipts from other sources			1,553,383
Total Energy Receipts			2,642,835

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART A: SOURCES OF ENERGY

Company: COLUMBUS SOUTHERN POWER

Reporting Month: May 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system			1,078,586
Energy Receipts from other sources			1,746,876
Total Energy Receipts		 	2,825,462

Reporting Month: June 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system			1,283,392
Energy Receipts from other sources			1,978,090
Total Energy Receipts			3,261,482

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART A: SOURCES OF ENERGY

Company: COLUMBUS SOUTHERN POWER

Reporting Month: July 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system			1,526,361
Energy Receipts from other sources			2,260,530
Total Energy Receipts		+	3,786,891

Reporting Month: August 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system	BOLVICO	Betvice	1,464,862
Energy Receipts from other sources			2,290,930
Total Energy Receipts			3,755,792

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART A: SOURCES OF ENERGY

Company: COLUMBUS SOUTHERN POWER

Reporting Month: September 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system			979,903
Energy Receipts from other sources			1,886,341
Total Energy Receipts			2,866,244

Reporting Month: October 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system			904,759
Energy Receipts from other sources			1,970,224
Total Energy Receipts			2,874,983

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART A: SOURCES OF ENERGY

Company: COLUMBUS SOUTHERN POWER

Reporting Month: November 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system			913,099
Energy Receipts from other sources	_		2,066,269
Total Energy Receipts			2,979,368

Reporting Month: December 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system			1,169,577
Energy Receipts from other sources			2,099,959
Total Energy Receipts			3,269,536

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART B: DELIVERY OF ENERGY

Company: COLUMBUS SOUTHERN POWER

Reporting Month: January 2006

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

	Firm	Non-Firm	Total
	Transmission	Transmission	
	Service	Service	,
For Distribution service:			
Affiliated Electric Utility Companies			1,659,539
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System			147,242
Municipal-Owned Electric Systems			168,706
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			1,168,906
Total Energy Delivery			3,144,393

Reporting Month: January 2006

	Firm Transmission	_	Total
	Service	Service	
For Distribution service:	<u> </u>		
Affiliated Electric Utility Companies			1,659,539
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			147,242
Municipally-Owned Electric Systems			168,706
Federal and State Electric Agencies			0
Other end user service			0
			0
For Non Distribution service (transmission to transmission service)			1,168,906
Total Energy Delivery			3,144,393

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART B: DELIVERY OF ENERGY

Company: COLUMBUS SOUTHERN POWER

Reporting Month: February 2006

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

	Firm		Total
	Transmission		
	Service	Service	
For Distribution service:			
Affiliated Electric Utility Companies	Ī		1,549,923
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System			143,565
Municipal-Owned Electric Systems			161,351
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			1,184,390
Total Energy Delivery			3,039,229

Reporting Month: February 2006

	Firm Transmission	Non-Firm	Total
		ansmission Transmission	
	Service	Service	
For Distribution service:			
Affiliated Electric Utility Companies			1,549,923
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			143,565
Municipally-Owned Electric Systems			161,351
Federal and State Electric Agencies			0
Other end user service			0
			0
For Non Distribution service (transmission to transmission service)			1,184,390
Total Energy Delivery			3,039,229
Total Energy Delivery	11.00		3,039

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART B: DELIVERY OF ENERGY

Company: COLUMBUS SOUTHERN POWER

Reporting Month: March 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			1,610,077
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System			142,997
Municipal-Owned Electric Systems			170,640
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			953,865
Total Energy Delivery			2,877,579

Reporting Month: March 2006

	Firm Transmission	Non-Firm	Total
		mission Transmission	
	Service	Service	
For Distribution service:			
Affiliated Electric Utility Companies			1,610,077
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			142,997
Municipally-Owned Electric Systems			170,640
Federal and State Electric Agencies			0
Other end user service			0
			0
For Non Distribution service (transmission to transmission service)			953,865
	J		
Total Energy Delivery			2,877,579

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART B: DELIVERY OF ENERGY

Company: COLUMBUS SOUTHERN POWER

Reporting Month: April 2006

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

	Firm Transmission		I		Total
_	Service	Service			
For Distribution service:					
Affiliated Electric Utility Companies			1,383,485		
Other Investor-Owned Electric Utilities			0		
Cooperative-Owned Electric System			110,247		
Municipal-Owned Electric Systems			152,811		
Federal and State Electric Agencies			0		
Other end user service			0		
For Non Distribution service (transmission to transmission service)			889,762		
Total Energy Delivery		• • • • • • • • • • • • • • • • • • • •	2,536,305		

Reporting Month: April 2006

	Firm Transmission	Non-Firm	Total	
		Transmission Transmission	1	
	Service	Service		
For Distribution service:				
Affiliated Electric Utility Companies				1,383,485
Other Investor-Owned Electric Utilities				0
Cooperatively-Owned Electric System				110,247
Municipally-Owned Electric Systems				152,811
Federal and State Electric Agencies				0
Other end user service				0
				0
For Non Distribution service (transmission to transmission service)				889,762
Total Energy Delivery				2,536,305

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART B: DELIVERY OF ENERGY

Company: COLUMBUS SOUTHERN POWER

Reporting Month: May 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			1,536,434
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System			114,304
Municipal-Owned Electric Systems			168,566
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			915,904
Total Energy Delivery			2,735,208

Reporting Month: May 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total	
For Distribution service:	Ī			
Affiliated Electric Utility Companies			1,536,4	34
Other Investor-Owned Electric Utilities				0
Cooperatively-Owned Electric System			114,3	04
Municipally-Owned Electric Systems			168,5	66
Federal and State Electric Agencies				0
Other end user service				0
				0
For Non Distribution service (transmission to transmission service)			915,9	04
Total Energy Delivery	<u> </u>		2,735,2	08

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART B: DELIVERY OF ENERGY

Company: COLUMBUS SOUTHERN POWER

Reporting Month: June 2006

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

	Firm Transmission		Total
			1
	Service	Service	
For Distribution service:			
Affiliated Electric Utility Companies			1,648,519
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System			123,768
Municipal-Owned Electric Systems			183,581
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)	** *** *******************************		1,186,710
Total Energy Delivery			3,142,578

Reporting Month: June 2006

	Firm Transmission		Total
	Service	Service	
For Distribution service:			
Affiliated Electric Utility Companies			1,648,519
Other Investor-Owned Electric Utilities	1		0
Cooperatively-Owned Electric System			123,768
Municipally-Owned Electric Systems			183,581
Federal and State Electric Agencies			0
Other end user service			0
			0
For Non Distribution service (transmission to			1,186,710
transmission service)			
Total Energy Delivery			3,142,578

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART B: DELIVERY OF ENERGY

Company: COLUMBUS SOUTHERN POWER

Reporting Month: July 2006

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

	Firm	Firm Non-Firm Transmission	Total
	Transmission		
	Service	Service	
For Distribution service:			
Affiliated Electric Utility Companies			1,966,758
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System			154,809
Municipal-Owned Electric Systems			206,684
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			1,316,184
Total Energy Delivery			3,644,435

Reporting Month: July 2006

	Firm		Total
	Transmission		
	Service	Service	
For Distribution service:			
Affiliated Electric Utility Companies			1,966,758
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			154,809
Municipally-Owned Electric Systems			206,684
Federal and State Electric Agencies			0
Other end user service			0
			0
For Non Distribution service (transmission to			1,316,184
transmission service)	<u> </u>		
Total Energy Delivery			3,644,435

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART B: DELIVERY OF ENERGY

Company: COLUMBUS SOUTHERN POWER

Reporting Month: August 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			1,974,536
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System			163,446
Municipal-Owned Electric Systems			209,756
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			1,273,610
Total Energy Delivery			3,621,348

Reporting Month: August 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			1,974,536
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System	i		163,446
Municipally-Owned Electric Systems			209,756
Federal and State Electric Agencies			0
Other end user service			0
			0
For Non Distribution service (transmission to transmission service)			1,273,610
Total Energy Delivery			3,621,348

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART B: DELIVERY OF ENERGY

Company: COLUMBUS SOUTHERN POWER

Reporting Month: September 2006

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

	Firm		Non-Firm Total	Total
	Transmission			
	Service	Service		
For Distribution service:				
Affiliated Electric Utility Companies			1,464,231	
Other Investor-Owned Electric Utilities			0	
Cooperative-Owned Electric System			118,107	
Municipal-Owned Electric Systems			167,897	
Federal and State Electric Agencies			0	
Other end user service			0	
For Non Distribution service (transmission to transmission service)			1,006,015	
Total Energy Delivery	 		2,756,250	

Reporting Month: September 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			1,464,231
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			118,107
Municipally-Owned Electric Systems	1		167,897
Federal and State Electric Agencies	1		0
Other end user service	<u> </u>		0
			0
For Non Distribution service (transmission to transmission service)			1,006,015
Total Energy Delivery	<u>†</u>		2,756,250

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART B: DELIVERY OF ENERGY

Company: COLUMBUS SOUTHERN POWER

Reporting Month: October 2006

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

	Firm	Non-Firm	Total
	Transmission	Transmission	
	Service	Service	
For Distribution service:			
Affiliated Electric Utility Companies			1,579,307
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System			133,626
Municipal-Owned Electric Systems			169,199
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)	 		940,864
Total Energy Delivery			2,822,996

Reporting Month: October 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			1,579,307
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			133,626
Municipally-Owned Electric Systems			169,199
Federal and State Electric Agencies			0
Other end user service			0
			0
For Non Distribution service (transmission to transmission service)			940,864
Total Energy Delivery			2,822,996

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART B: DELIVERY OF ENERGY

Company: COLUMBUS SOUTHERN POWER

Reporting Month: November 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
	Service	Service	
For Distribution service:			
Affiliated Electric Utility Companies			1,527,209
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System			142,281
Municipal-Owned Electric Systems			142,047
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			1,055,942
Total Energy Delivery			2,867,479

Reporting Month: November 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			1,527,209
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			142,281
Municipally-Owned Electric Systems			142,047
Federal and State Electric Agencies			0
Other end user service			0
			0
For Non Distribution service (transmission to transmission service)			1,055,942
Total Energy Delivery			2,867,479

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART B: DELIVERY OF ENERGY

Company: COLUMBUS SOUTHERN POWER

Reporting Month: December 2006

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

	Firm	Non-Firm	Total
	Transmission	Transmission	
	Service	Service	
For Distribution service:			
Affiliated Electric Utility Companies			1,667,139
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System			164,073
Municipal-Owned Electric Systems			146,531
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			1,170,168
Total Energy Delivery			3,147,911

Reporting Month: December 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			1,667,139
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			164,073
Municipally-Owned Electric Systems			146,531
Federal and State Electric Agencies			0
Other end user service	T		0
			0
For Non Distribution service (transmission to transmission service)			1,170,168
Total Energy Delivery			3,147,911

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART C: LOSSES AND UNACCOUNTED FOR (MWH)

Company: COLUMBUS SOUTHERN POWER

Reporting Month: January 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total (a)
Sources minus Delivery (a)			107,072

Reporting Month: February 2006

	Firm	Non-Firm	Total (a)
	Transmission	Transmission	
	Service	Service	}
Sources minus Delivery (a)			119,846

Reporting Month: March 2006

	Firm	Non-Firm	Total (a)
	Transmission	Transmission	
	Service	Service	
Sources minus Delivery (a)			116,301

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) FE3-T5: Part A minus Part B (1)

PART C: LOSSES AND UNACCOUNTED FOR (MWH)

Company: COLUMBUS SOUTHERN POWER

Reporting Month: April 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total (a)
Sources minus Delivery (b)			106,530

Reporting Month: May 2006

	Firm	Non-Firm	Total (a)
	Transmission	Transmission	
	Service	Service	
Sources minus Delivery (b)			90,254

Reporting Month: June 2006

	Firm	Non-Firm	Total (a)
	Transmission	Transmission	
	Service	Service	
Sources minus Delivery (b)			118,904

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) FE3-T5: Part A minus Part B (1)

PART C: LOSSES AND UNACCOUNTED FOR (MWH)

Company: COLUMBUS SOUTHERN POWER

Reporting Month: July 2006

		Non-Firm Transmission Service	Total (a)
Sources minus Delivery (b)	0	0	142,456

Reporting Month: August 2006

	Firm	Non-Firm		Total (a)
	Transmission	Transmission		
	Service	Service	٠	
Sources minus Delivery (b)		0	0	134,444

Reporting Month: September 2006

	Firm Transmission Service	Non-Firm Transmission Service		Total (a)
Sources minus Delivery (b)		0	0	109,994

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

(b) FE3-T5: Part A minus Part B (1)

PART C: LOSSES AND UNACCOUNTED FOR (MWH)

Company: COLUMBUS SOUTHERN POWER

Reporting Month: October 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total (a)
Sources minus Delivery (b)			51,987

Reporting Month: November 2006

	Firm	Non-Firm	Total (a)
	Transmission	Transmission	
	Service	Service	
Sources minus Delivery (b)			111,889

Reporting Month: <u>December 2006</u>

	Firm	Non-Firm	Total (a)
	Transmission	Transmission	
	Service	Service	
Sources minus Delivery (b)			121,625

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) FE3-T5: Part A minus Part B (1)

PART A: SOURCES OF ENERGY

Company: OHIO POWER

Reporting Month: January 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system (b)			3,985,830
Energy Receipts from other sources			5,180,310
Total Energy Receipts			9,166,140

Reporting Month: February 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system (b)			4,259,042
Energy Receipts from other sources			4,331,258
Total Energy Receipts			8,590,300

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) Includes power plants (IPPs) of non-affiliated companies.

PART A: SOURCES OF ENERGY

Company: OHIO POWER

Reporting Month: March 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system (b)			3,690,619
Energy Receipts from other sources			4,863,454
Total Energy Receipts			8,554,073

Reporting Month: April 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system (b)		5617100	3,048,606
Energy Receipts from other sources			4,183,816
Total Energy Receipts			7,232,422

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) Includes power plants (IPPs) of non-affiliated companies.

PART A: SOURCES OF ENERGY

Company: OHIO POWER

Reporting Month: May 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system (b)			3,466,246
Energy Receipts from other sources			4,356,174
Total Energy Receipts			7,822,420

Reporting Month: June 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system (b)			4,140,287
Energy Receipts from other sources			4,221,870
Total Energy Receipts			8,362,157

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) Includes power plants (IPPs) of non-affiliated companies.

PART A: SOURCES OF ENERGY

Company: OHIO POWER

Reporting Month: July 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system (b)			5,340,902
Energy Receipts from other sources			3,901,559
Total Energy Receipts	 		9,242,461

Reporting Month: August 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system (b)			5,569,865
Energy Receipts from other sources			4,296,189
Total Energy Receipts			9,866,054

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) Includes power plants (IPPs) of non-affiliated companies.

PART A: SOURCES OF ENERGY

Company: OHIO POWER

Reporting Month: September 2006

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

- -	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system (b)			4,328,297
Energy Receipts from other sources			3,955,777
Total Energy Receipts			8,284,074

Reporting Month: October 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system (b)			4,846,264
Energy Receipts from other sources			3,727,633
Total Energy Receipts			8,573,897

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) Includes power plants (IPPs) of non-affiliated companies.

PART A: SOURCES OF ENERGY

Company: OHIO POWER

Reporting Month: November 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system (b)			4,146,779
Energy Receipts from other sources			4,327,919
Total Energy Receipts			8,474,698

Reporting Month: December 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system (b)			4,266,848
Energy Receipts from other sources			4,687,427
Total Energy Receipts			8,954,275

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) Includes power plants (IPPs) of non-affiliated companies.

PART B: DELIVERY OF ENERGY

Company: OHIO POWER

Reporting Month: January 2006

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

	Firm		rm Non-Firm Total	Total
	Transmission			
	Service	Service		
For Distribution service:				
Affiliated Electric Utility Companies (b)			2,448,421	
Other Investor-Owned Electric Utilities			0	
Cooperative-Owned Electric System			437,536	
Municipal-Owned Electric Systems			116,991	
Federal and State Electric Agencies			0	
Other end user service			0	
For Non Distribution service (transmission to transmission service)			5,961,068	
Total Energy Delivery		-	8,964,016	

Reporting Month: January 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:		SCIVICO	
Affiliated Electric Utility Companies			2,269,090
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			437,536
Municipally-Owned Electric Systems			116,991
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			2,086,826
Total Energy Delivery			4,910,443

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) Includes deliveries to Wheeling Power, an AEP System affiliate.

PART B: DELIVERY OF ENERGY

Company: OHIO POWER

Reporting Month: February 2006

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

· · · · · · · · · · · · · · · · · · ·	Firm Transmission Service	Non-Firm	Total
		Transmission Service	
For Distribution service:			
Affiliated Electric Utility Companies (b)			2,273,917
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System			375,418
Municipal-Owned Electric Systems			112,019
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			5,624,798
Total Energy Delivery			8,386,152

Reporting Month: February 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			2,099,249
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System	· ·		375,418
Municipally-Owned Electric Systems			112,019
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			2,005,579
Total Energy Delivery			4,592,265

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) Includes deliveries to Wheeling Power, an AEP System affiliate.

PART B: DELIVERY OF ENERGY

Company: OHIO POWER

Reporting Month: March 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:	100	301100	
Affiliated Electric Utility Companies (b)			2,425,135
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System			448,809
Municipal-Owned Electric Systems			121,879
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			5,352,493
Total Energy Delivery			8,348,316

Reporting Month: March 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			2,258,501
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			448,809
Municipally-Owned Electric Systems			121,879
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			2,251,234
Total Energy Delivery			5,080,423

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) Includes deliveries to Wheeling Power, an AEP System affiliate.

PART B: DELIVERY OF ENERGY

Company: OHIO POWER
Reporting Month: April 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies (b)			2,017,711
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System			289,975
Municipal-Owned Electric Systems			111,672
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			4,545,881
Total Energy Delivery			6,965,239

Reporting Month: April 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			1,862,061
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			289,975
Municipally-Owned Electric Systems			111,672
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			1,919,744
Total Energy Delivery	 		4,183,452

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) Includes deliveries to Wheeling Power, an AEP System affiliate.

PART B: DELIVERY OF ENERGY

Company: OHIO POWER
Reporting Month: May 2006

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

	Firm	Non-Firm Transmission Service	Total
	Transmission		
	Service		
For Distribution service:			
Affiliated Electric Utility Companies (b)	l		2,118,525
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System			461,572
Municipal-Owned Electric Systems			123,097
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			4,817,777
Total Energy Delivery			7,520,971

Reporting Month: May 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			1,937,099
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			461,572
Municipally-Owned Electric Systems			123,097
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			1,858,588
Total Energy Delivery			4,380,356

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) Includes deliveries to Wheeling Power, an AEP System affiliate.

PART B: DELIVERY OF ENERGY

Company: OHIO POWER

Reporting Month: June 2006

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

	Firm	Non-Firm	Total
	Transmission	Transmission	
	Service	Service	
For Distribution service:			
Affiliated Electric Utility Companies (b)		-10	2,217,185
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System			408,346
Municipal-Owned Electric Systems			121,260
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)	***		5,376,670
Total Energy Delivery			8,123,461

Reporting Month: June 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			2,043,324
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			408,346
Municipally-Owned Electric Systems			121,260
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)	1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1		2,113,280
Total Energy Delivery			4,686,210

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) Includes deliveries to Wheeling Power, an AEP System affiliate.

PART B: DELIVERY OF ENERGY

Company: OHIO POWER

Reporting Month: July 2006

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

7-2-3	Firm	Non-Firm	Total
	Transmission	Transmission	
	Service	Service	
For Distribution service:			
Affiliated Electric Utility Companies (b)			2,499,922
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System			411,507
Municipal-Owned Electric Systems			126,076
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			5,985,438
Total Energy Delivery			9,022,943

Reporting Month: July 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:	1		
Affiliated Electric Utility Companies			2,311,531
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			411,507
Municipally-Owned Electric Systems	l		126,076
Federal and State Electric Agencies	<u> </u>		0
Other end user service			0
For Non Distribution service (transmission to transmission service)			2,558,569
Total Energy Delivery			5,407,683

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) Includes deliveries to Wheeling Power, an AEP System affiliate.

PART B: DELIVERY OF ENERGY

Company: OHIO POWER

Reporting Month: August 2006

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

	Firm Transmission Service	Non-Firm	Total
		Transmission	
		Service	
For Distribution service:			
Affiliated Electric Utility Companies (b)			2,619,394
Other Investor-Owned Electric Utilities			C
Cooperative-Owned Electric System			461,135
Municipal-Owned Electric Systems			133,883
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			6,428,370
Total Energy Delivery			9,642,782

Reporting Month: August 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies	1		2,418,479
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			461,135
Municipally-Owned Electric Systems			133,883
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			2,542,653
Total Energy Delivery	<u></u>		5,556,150

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) Includes deliveries to Wheeling Power, an AEP System affiliate.

PART B: DELIVERY OF ENERGY

Company: OHIO POWER

Reporting Month: September 2006

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

	Firm		Total
	Transmission		
	Service	Service	
For Distribution service:			
Affiliated Electric Utility Companies (b)			1,996,162
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System	<u> </u>		534,924
Municipal-Owned Electric Systems			106,106
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)	-		5,330,007
Total Energy Delivery			7,967,199

Reporting Month: September 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			1,826,882
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System	-		534,924
Municipally-Owned Electric Systems			106,106
Federal and State Electric Agencies	1		0
Other end user service			0
For Non Distribution service (transmission to transmission service)			1,662,435
Total Energy Delivery	-		4,130,347

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) Includes deliveries to Wheeling Power, an AEP System affiliate.

PART B: DELIVERY OF ENERGY

Company: OHIO POWER

Reporting Month: October 2006

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

	Firm Transmission Service	Non-Firm	Total
		Transmission	ļ
		Service	
For Distribution service:			
Affiliated Electric Utility Companies (b)			2,257,464
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System			312,756
Municipal-Owned Electric Systems			119,077
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			5,697,519
Total Energy Delivery	_		8,386,816

Reporting Month: October 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			· · · · · · · · · · · · · · · · · · ·
Affiliated Electric Utility Companies			2,079,982
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			312,756
Municipally-Owned Electric Systems			119,077
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			1,980,067
Total Energy Delivery			4,491,882

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) Includes deliveries to Wheeling Power, an AEP System affiliate.

PART B: DELIVERY OF ENERGY

Company: OHIO POWER

Reporting Month: November 2006

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

	Firm	Non-Firm	Total
	Transmission	Transmission	
	Service	Service	
For Distribution service:			
Affiliated Electric Utility Companies (b)			2,225,159
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System			339,958
Municipal-Owned Electric Systems			120,916
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			5,591,835
Total Energy Delivery			8,277,868

Reporting Month: November 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			2,051,515
Other Investor-Owned Electric Utilities			0
Cooperatively-Owned Electric System			339,958
Municipally-Owned Electric Systems			120,916
Federal and State Electric Agencies	-		0
Other end user service			0
For Non Distribution service (transmission to transmission service)			1,793,167
Total Energy Delivery		_	4,305,556

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) Includes deliveries to Wheeling Power, an AEP System affiliate.

PART B: DELIVERY OF ENERGY

Company: OHIO POWER

Reporting Month: December 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies (b)			2,287,715
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System			509,095
Municipal-Owned Electric Systems	, , , , , , , , , , , , , , , , , , , ,		117,891
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			5,795,925
Total Energy Delivery			8,710,626

Reporting Month: December 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:	 		
Affiliated Electric Utility Companies			2,110,410
Other Investor-Owned Electric Utilities	<u> </u>		0
Cooperatively-Owned Electric System			509,095
Municipally-Owned Electric Systems			117,891
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			1,752,122
Total Energy Delivery			4,489,518

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) Includes deliveries to Wheeling Power, an AEP System affiliate.

PART C: LOSSES AND UNACCOUNTED FOR (MWH)

Company: OHIO POWER

Reporting Month: January 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total (a)
Sources minus Delivery (b)			202,124

Reporting Month: February 2006

	Firm	Non-Firm	Total (a)
	Transmission	Transmission	
	Service	Service	
Sources minus Delivery (b)			204,148

Reporting Month: March 2006

	Firm	Non-Firm	Total (a)
	Transmission	Transmission	
	Service	Service	
Sources minus Delivery (b)			205,757

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) FE3-T5: Part A minus Part B (1)

PART C: LOSSES AND UNACCOUNTED FOR (MWH)

Company: OHIO POWER

Reporting Month: April 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total (a)
Sources minus Delivery (b)			267,183

Reporting Month: May 2006

	Firm	Non-Firm	Total (a)
	Transmission	Transmission	
	Service	Service	
Sources minus Delivery (b)			301,449

Reporting Month: June 2006

	Firm	Non-Firm	Total (a)
1	Transmission	Transmission	
	Service	Service	
Sources minus Delivery (b)			238,696

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) FE3-T5: Part A minus Part B (1)

PART C: LOSSES AND UNACCOUNTED FOR (MWH)

Company: OHIO POWER

Reporting Month: July 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total (a)
Sources minus Delivery (b)			219,518

Reporting Month: August 2006

	Firm	Non-Firm	Total (a)
	Transmission	Transmission	
	Service	Service	_
Sources minus Delivery (b)			223,272

Reporting Month: September 2006

	Firm	Non-Firm	Total (a)
	Transmission	Transmission	
	Service	Service	
Sources minus Delivery (b)			316,875

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) FE3-T5: Part A minus Part B (1)

PART C: LOSSES AND UNACCOUNTED FOR (MWH)

Company: OHIO POWER

Reporting Month: October 2006

	Firm	Non-Firm	Total (a)
	Transmission	Transmission	
	Service	Service	
Sources minus Delivery (b)			187,081

Reporting Month: November 2006

	Firm	Non-Firm	Total (a)
	Transmission	Transmission	
	Service	Service	
Sources minus Delivery (b)			196,830

Reporting Month: December 2006

	Firm	Non-Firm	Total (a)
1	Transmission	Transmission	
	Service	Service	
Sources minus Delivery (b)			243,649

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) FE3-T5: Part A minus Part B (1)

PART A: SOURCES OF ENERGY

Company: AMERICAN ELECTRIC POWER East Zone

Reporting Month: January 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system (b)			12,355,776
Energy Receipts from other sources	-		7,734,503
Total Energy Receipts	-		20,090,279

Reporting Month: February 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system (b)			12,515,06
Energy Receipts from other sources			6,508,81
Total Energy Receipts			19,023,88

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) Includes power plants (IPPs) of non-affiliated companies.

PART A: SOURCES OF ENERGY

Company: AMERICAN ELECTRIC POWER East Zone

Reporting Month: March 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system (b)			12,652,103
Energy Receipts from other sources			7,073,691
Total Energy Receipts			19,725,794

Reporting Month: April 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system (b)			10,553,612
Energy Receipts from other sources			6,244,754
Total Energy Receipts			16,798,366

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) Includes power plants (IPPs) of non-affiliated companies.

PART A: SOURCES OF ENERGY

Company: AMERICAN ELECTRIC POWER East Zone

Reporting Month: May 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system (b)			11,183,283
Energy Receipts from other sources			6,673,476
Total Energy Receipts			17,856,759

Reporting Month: June 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system (b)		_	12,433,001
Energy Receipts from other sources			6,954,328
Total Energy Receipts			19,387,329

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) Includes power plants (IPPs) of non-affiliated companies.

PART A: SOURCES OF ENERGY

Company: AMERICAN ELECTRIC POWER East Zone

Reporting Month: July 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system (b)			14,888,480
Energy Receipts from other sources			6,684,174
Total Energy Receipts			21,572,654

Reporting Month: August 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system (b)			15,002,622
Energy Receipts from other sources			6,707,160
Total Energy Receipts			21,709,782

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) Includes power plants (IPPs) of non-affiliated companies.

PART A: SOURCES OF ENERGY

Company: AMERICAN ELECTRIC POWER East Zone

Reporting Month: September 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system (b)			11,061,807
Energy Receipts from other sources			6,721,212
Total Energy Receipts			17,783,019

Reporting Month: October 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system (b)			11,659,097
Energy Receipts from other sources			6,913,950
Total Energy Receipts			18,573,047

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) Includes power plants (IPPs) of non-affiliated companies.

PART A: SOURCES OF ENERGY

Company: AMERICAN ELECTRIC POWER East Zone

Reporting Month: November 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system (b)			11,063,037
Energy Receipts from other sources			7,039,363
Total Energy Receipts			18,102,400

Reporting Month: December 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
Energy Receipts from Power Plants directly connected to the Electric Transmission Owner's transmission system (b)			11,947,031
Energy Receipts from other sources			7,858,167
Total Energy Receipts			19,805,198

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) Includes power plants (IPPs) of non-affiliated companies.

PART B: DELIVERY OF ENERGY

Company: AMERICAN ELECTRIC POWER East Zone

Reporting Month: January 2006

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

	Firm	Firm	Firm	Firm Non-Firm Total	Total
	Transmission	ission Transmission			
	Service	Service			
For Distribution service:					
Affiliated Electric Utility Companies			9,912,956		
Other Investor-Owned Electric Utilities			0		
Cooperative-Owned Electric System			815,277		
Municipal-Owned Electric Systems			646,231		
Federal and State Electric Agencies			0		
Other end user service			0		
For Non Distribution service (transmission to transmission service)			7,867,146		
Total Energy Delivery			19,241,610		

Reporting Month: January 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			
Municipally-Owned Electric Systems			
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)			
		 	
Total Energy Delivery			

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART B: DELIVERY OF ENERGY

Company: AMERICAN ELECTRIC POWER East Zone

Reporting Month: February 2006

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

	Firm Transmission Service		Total
		Service	
For Distribution service:			
Affiliated Electric Utility Companies			9,324,362
Other Investor-Owned Electric Utilities	_		0
Cooperative-Owned Electric System			730,736
Municipal-Owned Electric Systems			611,000
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			7,473,834
Total Energy Delivery		<u> </u>	18,139,932

Reporting Month: February 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
	Service	Service	
For Distribution service:			
Affiliated Electric Utility Companies			·
Other Investor-Owned Electric Utilities	:		
Cooperatively-Owned Electric System			
Municipally-Owned Electric Systems			
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)			
Total Energy Delivery			

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART B: DELIVERY OF ENERGY

Company: AMERICAN ELECTRIC POWER East Zone

Reporting Month: March 2006

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

F-111	Firm	Non-Firm	Total
	Transmission	Transmission Service	-
	Service		
For Distribution service:			
Affiliated Electric Utility Companies	1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		9,760,386
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System	1		815,018
Municipal-Owned Electric Systems			625,153
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			7,802,480
Total Energy Delivery			19,003,037

Reporting Month: March 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			
Municipally-Owned Electric Systems			
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)			
Total Energy Delivery			

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART B: DELIVERY OF ENERGY

Company: AMERICAN ELECTRIC POWER East Zone

Reporting Month: April 2006

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

·	Firm	Non-Firm	Total
	Transmission	Transmission	
	Service	Service	1
For Distribution service:			
Affiliated Electric Utility Companies			7,990,009
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System			592,385
Municipal-Owned Electric Systems			524,107
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			6,793,995
Total Energy Delivery			15,900,496

Reporting Month: April 2006

	Firm	Non-Firm	Total
	Transmission	Transmission	j
	Service	Service	
For Distribution service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			
Municipally-Owned Electric Systems			
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to			
transmission service)			
Total Energy Delivery			

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART B: DELIVERY OF ENERGY

Company: AMERICAN ELECTRIC POWER East Zone

Reporting Month: May 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			8,659,458
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System			783,863

588,244

6,967,033

16,998,598

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

Reporting Month: May 2006

Other end user service

transmission service)

Total Energy Delivery

Municipal-Owned Electric Systems

Federal and State Electric Agencies

For Non Distribution service (transmission to

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			
Municipally-Owned Electric Systems			
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)			
Total Energy Delivery			

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART B: DELIVERY OF ENERGY

Company: AMERICAN ELECTRIC POWER East Zone

Reporting Month: June 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			9,049,253
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System		_	749,147
Municipal-Owned Electric Systems			626,657
Federal and State Electric Agencies			Ō
Other end user service			0
For Non Distribution service (transmission to transmission service)			8,108,791
Total Energy Delivery			18,533,848

Reporting Month: June 2006

	Firm	Non-Firm	Total
	Transmission	Transmission	
	Service	Service	
For Distribution service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			
Municipally-Owned Electric Systems			
Federal and State Electric Agencies		<u></u> ,	
Other end user service			
For Non Distribution service (transmission to transmission service)			
	<u> </u>		
Total Energy Delivery			

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART B: DELIVERY OF ENERGY

Company: AMERICAN ELECTRIC POWER East Zone

Reporting Month: <u>July 2006</u>

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

1. Energy deliveries to all points connected t			
	Firm	Non-Firm	Total
	Transmission	Transmission	
_	Service	Service	
For Distribution service:			
Affiliated Electric Utility Companies			10,259,548
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System			811,444
Municipal-Owned Electric Systems			645,549
Federal and State Electric Agencies			O
Other end user service			0
For Non Distribution service (transmission to transmission service)			8,915,075
Total Energy Delivery			20,631,616

Reporting Month: July 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			
Municipally-Owned Electric Systems			
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)			
Total Energy Delivery			

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART B: DELIVERY OF ENERGY

Company: AMERICAN ELECTRIC POWER East Zone

Reporting Month: August 2006

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

	Firm	Non-Firm	Total
	Transmission	Transmission	
	Service	Service	
For Distribution service:			
Affiliated Electric Utility Companies			10,498,798
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System			867,048
Municipal-Owned Electric Systems	1		675,910
Federal and State Electric Agencies	·		0
Other end user service			0
For Non Distribution service (transmission to transmission service)			8,721,388
Total Energy Delivery			20,763,144

Reporting Month: August 2006

	Firm Transmission	Non-Firm Transmission	Total
	Service	Service	
For Distribution service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			
Municipally-Owned Electric Systems			
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)			
Total Energy Delivery			

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART B: DELIVERY OF ENERGY

Company: AMERICAN ELECTRIC POWER East Zone

Reporting Month: September 2006

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

	Firm	Non-Firm	Total
	Transmission	Transmission	1 .
	Service	Service	
For Distribution service:			
Affiliated Electric Utility Companies			8,179,149
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System			863,106
Municipal-Owned Electric Systems			496,802
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			7,221,700
Total Energy Delivery			16,760,757

Reporting Month: September 2006

	Firm						Non-Firm	Total
	Transmission	Transmission						
	Service	Service						
For Distribution service:								
Affiliated Electric Utility Companies								
Other Investor-Owned Electric Utilities								
Cooperatively-Owned Electric System								
Municipally-Owned Electric Systems								
Federal and State Electric Agencies								
Other end user service								
For Non Distribution service (transmission to transmission service)								
Total Energy Delivery								

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART B: DELIVERY OF ENERGY

Company: AMERICAN ELECTRIC POWER East Zone

Reporting Month: October 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			9,005,799
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System			661,684
Municipal-Owned Electric Systems			550,154
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			7,602,566
Total Energy Delivery			17,820,203

Reporting Month: October 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			
Municipally-Owned Electric Systems			
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)			
Total Energy Delivery			

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART B: DELIVERY OF ENERGY

Company: AMERICAN ELECTRIC POWER East Zone

Reporting Month: November 2006

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

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			9,011,505
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System		•	705,019
Municipal-Owned Electric Systems			501,276
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			7,045,910
Total Energy Delivery			17,263,710

Reporting Month: November 2006

·	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			
Municipally-Owned Electric Systems			
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)			
Total Energy Delivery			

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART B: DELIVERY OF ENERGY

Company: AMERICAN ELECTRIC POWER East Zone

Reporting Month: December 2006

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

	Firm	Non-Firm	Total
	Transmission	Transmission	
	Service	Service	
For Distribution service:			
Affiliated Electric Utility Companies			9,830,202
Other Investor-Owned Electric Utilities			0
Cooperative-Owned Electric System			911,976
Municipal-Owned Electric Systems			549,108
Federal and State Electric Agencies			0
Other end user service			0
For Non Distribution service (transmission to transmission service)			7,636,513
Total Energy Delivery			18,927,799

Reporting Month: December 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total
For Distribution service:			
Affiliated Electric Utility Companies			
Other Investor-Owned Electric Utilities			
Cooperatively-Owned Electric System			
Municipally-Owned Electric Systems			
Federal and State Electric Agencies			
Other end user service			
For Non Distribution service (transmission to transmission service)			
Total Energy Delivery			

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

PART C: LOSSES AND UNACCOUNTED FOR (MWH)

Company: AMERICAN ELECTRIC POWER East Zone

Reporting Month: January 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total (a)
Sources minus Delivery (b)			848,669

Reporting Month: February 2006

	Firm	Non-Firm	Total (a)
	Transmission	Transmission	
	Service	Service	
Sources minus Delivery (b)			883,952

Reporting Month: March 2006

	Firm	Non-Firm	Total (a)
	Transmission Service	Transmission Service	
Sources minus Delivery (b)			722,757

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

(b) FE3-T5: Part A minus Part B (1)

PART C: LOSSES AND UNACCOUNTED FOR (MWH)

Company: AMERICAN ELECTRIC POWER East Zone

Reporting Month: April 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total (a)
Sources minus Delivery (b)			897,870

Reporting Month: May 2006

	Firm	Non-Firm	Total (a)
	Transmission	Transmission	
	Service	Service	
Sources minus Delivery (b)			858,161

Reporting Month: June 2006

	Firm	Non-Firm	Total (a)
	Transmission	Transmission	
	Service	Service	
Sources minus Delivery (b)			853,481

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) FE3-T5: Part A minus Part B (1)

PART C: LOSSES AND UNACCOUNTED FOR (MWH)

Company: AMERICAN ELECTRIC POWER East Zone

Reporting Month: July 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total (a)
Sources minus Delivery (b)			941,038

Reporting Month: August 2006

	Firm	Non-Firm	Total (a)
	Transmission	Transmission	
	Service	Service	
Sources minus Delivery (b)			946,638

Reporting Month: September 2006

	Firm	Non-Firm	Total (a)
	Transmission Service	Transmission	
Sources minus Delivery (b)	Service	Service	1,022,262

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) FE3-T5: Part A minus Part B (1)

PART C: LOSSES AND UNACCOUNTED FOR (MWH)

Company: AMERICAN ELECTRIC POWER East Zone

Reporting Month: October 2006

	Firm Transmission Service	Non-Firm Transmission Service	Total (a)
Sources minus Delivery (b)			752,844

Reporting Month: November 2006

	Firm	Non-Firm	Total (a)
	Transmission	Transmission	
	Service	Service	
Sources minus Delivery (b)			838,690

Reporting Month: December 2006

	Fírm	Non-Firm	Total (a)
	Transmission Service	Transmission Service	
Sources minus Delivery (b)			877,399

⁽a) All data are based on metered quantities; thus, differentiation between "firm" and "non-firm" transmission services is not feasible.

⁽b) FE3-T5: Part A minus Part B (1)

Form FE3-T6: CONDITIONS AT TIME OF MONTHLY PEAK (MW)

Reporting Months JANUARY-DECEMBER 2006

Megawatt	Day of Week	Day of Month		Hour of Peak	
			FIRM	NON-FIRM	
	Curtailment Priority C	Classes	Transmission	Transmission	
			Service	Service	TOTAL
	of Requests for Transmission				
Number	of Requests for Transmission	Service (MW)			
Transmis	sion Service Requests and (MW) Accepted			
Number o	Transmission Service Reques	sts Confirmed			
Number o	Transmission Service Reques	ets Confirmed (MW)			
Number R	etracted				
Number F	etracted (MW)				
Number A					
Number A	nnulled (MW)				
Number D	isnlaced				
	isplaced (MW)				
Number S	uperceded		***************************************		
Number S	uperceded (MW)				
·			<u>-</u>	, -	
	sion Service Requests and (MW) not Accepted and			
Reason f	or not Accepting				
No combando	allal	· · · · · · · · · · · · · · · · · · ·			
Number II				 	<u></u>
Number	ivalid (MW)			 	
Number F	efused	<u> </u>		 	
	efused (MW)			 	· · · · · · · · · · · · · · · · · · ·
110	(1177)				
Number V	/ithdrawn				
Number V	/ithdrawn (MW)				

NOTE: AEP integrated into PJM on October 1, 2004. Therefore, this information is no longer processed by AEP.

CONFIRMED Assigned by Customer in response to Provider or Seller posting "ACCEPTED"

status, to confirm service. Once a request has been "CONFIRMED", a transmission service reservation exists. (Final state, unless overridden by

DISPLACED or ANNULLED.)

RETRACTED Assigned by Provider or Seller when the Customer fails to confirm or withdraw

the request within the required time period.

ANNULLED Assigned by Provider or Seller when, by mutual agreement with the Customer,

a confirmed reservation is to be voided.

DISPLACED Assigned by Provider or Seller when a "CONFIRMED" reservation from a

Customer is replaced by a longer term reservation and the Customer has not exercised right of first refusal, if any (i.e., refused to match terms of new

request).

SUPERCEDED Assigned by Provider or Seller when a request which has not yet been

confirmed is preempted by another reservation request.

INVALID Assigned by the Provider indicating an invalid field in the request such as

improper POR, POD, source, sink etc.

REFUSED Assigned by Provider or Seller to indicate service request has been denied due

to lack of availability of transmission capability.

WITHDRAWN Assigned by Customer at any point in request evaluation to withdraw the

request from further action.

PUCO FORM FE3-77 COLUMBUS SOUTHERN POWER COMPANY CHARACTERISTICS OF EXISTING TRANSMISSION LINES

		Summer	Summer Capability	Winter C	Winter Capability			Rig	Right-of-Way				
		Ŋ.	(MVA)	(M)	(MVA)	-	Design		Width	Type of	Number of	<u>.</u>	
Transmission	ř		Emergency		Emergency	····	Voitage	Length	Max./Min.	Supporting		87	Substations
LINE NO.	Racklord-Diarca	Yauno Suo	Felling 500	Raung	Raumg	345	345	0.32	(reel)	Steel fower			
345.2	Pierce Foster	1105	1315	1195	1315	345	345	23.85	150/150	Steel tower		\r	
345-3	Sugarcreek-Greene	1195	1315	1195	1315	345	345	0.09	150/150	Steel tower		2	
))		3		}	2	!	?	0.38	150/150	Steel pole		104	
								2.72	150/150	Steel tower	_	2	
					-			4.36	150/150	Steel tower		-	
					•			0.39	150/150	Steel pole		. .	
4		,			1			3.55	150/150	Steel tower		-	
345-6	Greene-Beatty	1195	1315	1195	1315	345	345	5.42	150/150	Steel tower		~	
								39.92	150/150	Steel tower		- .	
		1					!	9.70	001/001	Sieel towel		1	
345-7	Don Marquis-Bixby	1219	1279	1386	1434	345	8	2.45	150/150	Steel tower		N .	
								43.41	051/051	Steel tower		- ,	
								17.30	150/150	Steel tower		- (
								8.52	150/150	Steel tower			
345-9	Stuart-Greene	1195	1315	1195	1315	345	345	0.30	150/150	Steel tower		<u>د</u> د	Clinton
								78.80	150/150	Steel tower		_	
							-	1.20	150/150	Steel tower	_	7	
								0.10	150/150	Steel tower		7	
345-10	Stuart-Killen	1195	1315	1195	1315	345	345	345 NOTE: See	See Dayton Power	ಿರ	forecasts for	details.	
345-11	Stuart-Foster	1195	1315	1195	1315	345	345	09.0	150/150	Steel tower		2	
							,	55.20	150/150	Steel tower		_	
!								3.20	150/150	Steel tower		2	
345-24	Foster-Sugarcreek	1257	1554	1745	1947	346	345	3.20	150/150	Steel tower	_	2	
	·							24.10	150/150	Steel tower		_	
								0.09	150/150	Steel tower		~	
					•			0.36	150/150	Steel tower		~	
								2.72	150/150	Steel tower		~	
345-31	Beatty-Bixby	1042	1281	1383	1526	345	345	4.69	150/60	Steel tower			
								8.52	150/60	Steel tower		~	
8312	Bixby-Kirk	1303	1601	1729	1907	345	345	23.07	150/100	elod booM		(
						1		14.87	OUTUGE	Steel tower		7	
345-40	Conesville-Hyatt	1219	1279	1386	1434	345	345	96,98	200/100	Steel tower		- (-
								e i	2017100			٧ (
								1.78	200/100	Steel pole		2 6	
									2007/002	Steel H-frame			
345-41	Stuart-Zimmer	1195	1315	1195	1315	345	345	345 NOTE: See	Ginchmati Gas	See Cinchneti Gas & Electric Company forecasts for details	any forecasts	for detail	6
345-42	Beatty-Adkins (DP&L)	1229	1520	1587	1793	345	345	3.70	150/150	Steel tower		۸,	
0,00	41.	000	777	000	5007	940	24.6	27.0	150/150	Steel tower		_	
8213	Kirk-Comdor	1303	14/2	67/L	1626	340	045	8 3	150/100	Wood pole		-]

* The number of circuits designed is presumed to be the same as the number of circuits installed unless otherwise noted.

		Summer	Summer Capability	Winter	Winter Capability			Rig	Right-of-Way				
		₹	(MVA)	2	MVA)	Operating Design	Design		Width	Type of	Number of	<u>~</u>	
Transmission	Transmission Line Name	Normal	Normal Emergency	Normal	Emergency	Voltage	Voltage	Length	Max./Min.	Supporting	Circuits		Substations
Line No.	(Origin – Terminus)	Rating	Rating	Rating	Rating	Ř	(kv)	(Miles)	(Feet)	Structure	Design* Installed	_	On the Line
-	Conesville-Bixby	1219	Ŀ	1386	1434	345	345	4.80	150/150	Steel tower		1	
_					_			14.87	150/150	Steel tower		2	
								50.86	150/150	Wood pole		_	
,	Zimmer-Port Union	1195	1315	136	1185	345	345	NOTE: Se	345 NOTE: See Cincinnati Gas & Electric Company forecasts for details	& Electric Compa	iny forecasts f	or details.	
	Zimmer-Red Bank	1195	1315	138	1195	345	345	NOTE: Se	345 NOTE: See Cincinnati Gas & Electric Company forecasts for details.	& Electric Compa	iny forecasts f	or details.	ļ
	Red Bank-Terminal	1195	1315	1195	1195	345	345	NOTE: Se	345 NOTE: See Cincinnati Gas & Electric Company forecasts for details	& Electric Compa	iny forecasts t	or details.	
-	Killen-Don Marquis	1195	1315	195	1315	345	345	NOTE: Se	345 NOTE: See Dayton Power & Light Company forecasts for details.	k Light Company	forecasts for o	Jetails.	
	Stuart-Atlanta (DP&L)	1195	1315	1195	1315	345	345	0.30	150/150	Steel tower		2	
				-				69.90	150/150	Steel tower		_	

The preceding lines are commonly owned with the Cincinnati Gas & Electric Company and the Dayton Power & Light Company. Total line mileages are shown. NOTE

			_							_								_										
														: :						Davidson								
	2	2	N	-	2	7	N	2	2	7	7	Υ-	7	2	2	-	2	-	**	2	-	7	2	-	2	1	1	-
			•	la la					ame	_	<u>.</u>	<u>ъ</u>	<u>a</u>		70	•	.		pun		a	4	25	6				•
	Steel pole	Steel tower	Steet pole	Steel tower	Steel pole	Steel tower	Steel pole	Steel pole	Steel H-frame	Steel pole	Steel tower	Steel tower	Steel lower	Steel pole	Steel lower	Wood pole	Steel town	Wood pole	Underground	Steel tower	Wood pole	Steel pole	Steel tower	Wood pole	Steel tower	Wood pol	Steet pole	Wood pol
	150/150	150/150	150/150	200/100	150/150	150/150	150/150	100/75	150/150	150/150	150/150	150/150	150/150	150/150	150/150	Company Land	150/50	50/15	/	150/50	Company Land	100/100	20/20	50/50	Company Land	Company Land Wood pole	60/60	4.00 Public & RR R/W Wood pole
	0.23	16.93	0.21	54.19	0.23	12,36	0.07	5.58	0.49	1.78	9.09	6.32	6.12	3.19	6.29	0.19	5.16	1.18	3.18	5.16	0.19	0.33	3.02	2.43	1.21	0.43	4.37	4.00
	345			345	345			345	345					345		138		138		138		_	138		138	138	138	138
	345			345	345			345	345	•				345		138	•	138		138			138		138	138	138	138
	1526			1434	1826	•		2067	1826		•			1712		344		328		349			304		006	1609	344	304
	1383			1386	1780			1728	1729					1481		281	•	221	. _	281			272		828	1609	281	272
	1281			1279	1472			1673	1472		-			1470		307	:	321		310	_		259		750	1272	307	259
	1042			1219	1409			1302	1303					1166		223		213		223	_		216		989	1272	223	216
•	Beatty-Hayden			Conesville-Corridor	Hayden-Hyatt			Hayden-Roberts	Hyatt-Corridor					Kirk-W. Millersport (OPCo)		Roberts-Bethel		Roberts-Kenny		Roberts-Bethel			Bethel-Linworth		Picway-Harrison	Walnut-Bixby	Groves-Bexley	Bexley-St. Clair
	345-32			345-34	345-37			345-38	345-39					8311		138-1		138-2		138-3			138-4		138-5	138-6	138-8	138-9

" The number of circuits designed is presumed to be the same as the number of circuits installed unless otherwise noted.

		Summer	Summer Capability	Winter C	Winter Capability			Rigt	Right-of-Way				
		(M)	(MVA)	Y	(MVA)	_	Design		Width	Type of	Number of	erof	
Transmission			Emergency		Emergency	Φ.	Voltage	Length	Max/Min.	Supporting	Circuits	ılts	Substations
Line No.	(Origin ~ Terminus)	Rating	Rating	Rating	Rating	(KV)	<u>§</u>	(Miles)	(Feet)	Structure	Design* Installed	nstalled	On the Line
138-10	Bixby-LS II	227	316	287	356	138	138	0.51	100/100	Steel tower		7	
							•	2.03	100/100	Wood pole		_	
			_			_		0.27	100/100	Steel tower		7	<u>, </u>
								1,69	100/80	Steel pole		٦	
138-11	Bixby-W. Lancaster (OP)	111	144	157	178	138	85	19.03	Undefined	Undefined Wood pole		-	Pickerington Rd
138-12	Poston-Rass	143	158	143	158	138	138	41.81	100/100	Wood pole		_	
								1.01	100/100	Steel tower		~	
138-13	Ross-Delano	150	192	189	528	138	38	0.89	100/100	Steel tower		7	
								3.75	100/100	Wood pole		-	
138-14	Circleville-Harrison	138	179	183	213	138	138	14.00	Ondefined	Undefined Wood pole		- (
								1.18	Undefined	Undefined Steel tower		7	
138-15	LS II-Marion	227	316	287	356	138	138	+ C	100/80	Steel pole		010	
	-	1;			,		100,	7.54	2007	Sleet tower	 	۷,	
138-16	Marion-Canal	124	173	136	25	138	138	200		Onderground		-	
138-17	St. Clair-Clinton	142	185	139	193	138	138	4.05	/	Underground		-	
138-18	Harrison-Marion	191	220	191	220	138	138	7.01	100/100	Wood pale			Obetz
							1	3.21	100/100	Steel tower		7	
138-19	Bixby-Astor-Groves	223	310	281	349	138	138	4.67	50/10	Wood pole		_	
			•	•				3.90	50/50	Wood pole		~	Groves
								0.0	20/20	Wood pole	_	-	;
		1						0.10	20/20	Wood pole		-	Shannon
138-20	Poston-Harrison	138	179	183	213	138	138	53.64	200/80	Wood pole	_	-	
138-21	Beatty-Wilson	196	205	222	229	138	138	7.15	200/100	Steel tower		2	
								1.42	200/100	Steel tower		6	
5281	Beatty-Fisher-Wilson	191	220	191	220	138	138	7.15	200/100	Steel tower		7	
				•••				1.42	200/100	Steel tower			
					_			0.50	100/100	Steel pole			Hail Road
		_						0.31	100/100	Steel pole	_	01 0	
4 4 4 4						007		4 5	06/061	Steel tower		7	
138-23	Waverly-Sargents (OVEC)	Ä	787	8	/97 7	32	2	3.17	200/100	Wood pole		- •	
138.24	Waterly-Seemen	150	402	180	220	138	138	24 60	100/100	Wood pole	+-	-	Ariame
		}	!	3	İ		}	7.95	100/100	Wood pole		-	
								3.30	100/100	Wood pole		Ø	
138-25	Scippo-Circleville	150	219	189	243	138	138	1.89	100/100	Wood pole		-	
								0.09	70/70	Wood pale		~	
								0.84	07/07	Wood pole		CN	
								0.15	80/80	Wood pole	_ 	-	Praxair (cust.)
138-26	Poston-Lick	156	192	206	229	138	138	0.48	100/100	Steel tower		N :	
							•	34.19	100/100	Wood pole		-	Boffins Milks
							1	0.28	100/100	Wood pole			Corwin

* The number of circuits designed is presumed to be the same as the number of circuits installed unless otherwise noted.

			T			—		_				_			_			_		-	_	_		_		_		-			_			_	_	_	_			_	_
	: :	Substations On the Line	E. Beaver						City of	Westerville		Fifth Ave.								Trabue								Blacklick					Blendon			Taylor					
	्ट इ.स.	nstalled	-	~	7	-	_	-	-	_	-	-	-	-	67	ď	-	2	~		_	N	-	~	-	_	1	_	7	2	,	1		7	7		~	_	,-	7	-
	Number of	Circuits Design* Inst								_														-																	
	Type of	Structure	Wood pole	Steel tower	Steel tower	Steel pole	Wood pole	Wood pole	Wood pole		Underground	Steel tower	Underground	Underground	Steel tower	Steel tower	Wood pole	Steel pole	Steel tower	Steel pole	Steel pole	Steel tower	Wood pole	Steel tower	Steel pole	Underground	Undergraund	Wood pole	Steel pole	Steel pole	Wood pole	Wood pole	Steel tower	Wood pole	Steel tower	Steel tower	Steel tower	Underground	Underground	Steel tower	Stool nodo
Right-of-Way	Width	Max./Min. (Feet)	100/100	100/100	100/10	100/10	100/10	100/10	50/50		/	100/53	/	/	150/50	150/50	150/50	100/50	150/50	100/20	100/40	100/40	100/40	100/40	100/40	/	/	200/100	200/100	100/50	200/100	200/100	100/100	100/100	100/100	100/100	100/100	+		100/50	100/50
R.	#	(Miles)	15.50	.38	4.39	2.05	3.20	1.70	0.04		0.95	3.17	1.94	1.94	1.42	3,33	0.19	0.31	1.29	1.24	0.02	0.52	2.19	2.93	0.81	1.22	0.28	3.62	1.65	5.42	4.41	0.72	7.42	1.34	7.42	10.36	10.36	0.44	1.39	51.85	20.0
	Design	(KV)	8		86						138	138	_		138			138			138	_	_			138	-	138		138	138	138	138		138	138	138	138		138	_
	_	Voltage (KV)	88		88						138	138			138			138	-		138			_	-	138		138		138	138	138	138		138	138	138	138		138	_
		Emergency Rating	356		349	<u> </u>					353	349			349	•		330			295					254		246		525	187	229	458		517	517	330	181		220	_
Winter Capability	≥□	Rating	287		281		11 00	_			240	281			281			287			279					184		192		492	192	192	415		427	427	287	134		191	_
Sapability	A	Emergency Rating	316		310		•				302	310			310			316			234	•				240		222		403	159	192	384		455	455	330	170		220	_
Summer Capability	ΣΓ	Ratino	227		223						233	223			223			227			220		_			174		152		388	152	152	313		338	338	287	122		191	_
		(Origin – Terminus)			Morse-Karl-Genoa					-	OSU-Hess	Wilson-Hess			Wilson-Roberts			Fisher Road-Roberts			Bixby-Buckeye Steel					Gay-Vine		East Broad-Gahanna		Hyatt-Sawmill	Gahanna-Hap Cremean	Hap Cremean-Morse Road	Corridor-Marse		Corridor-Morse	Kirk-East Broad	Kirk-East Broad	Mound-Canal		Conesville-Trent	
	Tennomina	Line No.	138-27		138-28							138-30			2102			5282			138-32					138-33		138-34		į			138-37			138-39		138-41		138-43	

* The number of circuits designed is presumed to be the same as the number of circuits installed unless otherwise noted.

	Summe	Summer Capability	Winter (Winter Capability	Coording		æ	Right-of-Way	je P	4	¥	
Transmission Line Name	Normal	Emergency	Normal	Emergency	Voltage	Voltage	Length	Max./Min.	Supporting	Circuits	ije o	Substations
(Origin – Terminus)	Rating	Rating	Rating	Rating	(KV)	(KV)	(Mities)	(Feet)	Structure	Design* Installed	nstalled	On the Line
Trent-Delaware	234	l	234	234	138	138	13.26	100/50	Steel tower	2	_	Sunbury (cust) Berkshire
Stelzer-St. Clair	216	259	272	304	138	138	6.93	50/15	Wood bole			Mifflin
į	: 		i				0.13	100/10	Steel tower		8	
Kenny-Clinton	217	307	227	331	138	138	3.08	!	Underground		-	
	150		189	242	138	138	3.83	100/10	Steel tower		2	
Morse-Clinton-Huntley	195		222	229	138	138	8.28	100/10	Steel tower		7	
							3,49	100/10	Wood pole			Huntley
Bixby-Groves #1	223	310	281	349	138	138	3.00	200/200	Steel tower		5	
	_						8 8	200/200	Steel pole		- ,	17.00
S			č	770	430	00,7	3 6	200000	Wood pole			Griffin Wheel
Dixby-Groves #z Poston-Strouds Run/	223	30.	284	¥ 48	138		0.00	100/20	Steel tower	<u> </u>	1	
Crooksville (OP)	i			•			6.74	100/30	Wood pole		ı -	
Hyatt-Delaware	227		287	287	138	138	4.07	100/100	Wood pole		-	-
Beatty-Canal	220	234	279	295	138	138	3.50	50/15	Wood pole	 	2	
							3.28	50/15	Wood pole		-	
			_				4.10	50/15	Steel pole		- (
					,		2.13	50/15	Steel pole	+	7	
Caneeville-Ohio Ctl. (OP)	389		430	459	138		12.10	100/60	Wood pole		-	
East Broad-Astor		201	262	262	138	138	0.10	50/10	Wood pole			
Harrison-Beatty	150	219	189	242	138	138	8.40	100/25	Steel tower		2	Zuber
Harrison-S. Central Co-op	133		177	207	138		0.26	Company Land	Wood pole		-	
Beatty-McComb	216	259	272	304	138		3.43	100/15	Wood pole		2	:
Stalzar Morsa	916		252	304	138	138	1 20	50/15	Wood pole		-]
Huntley-Linworth	227	242	287	302	138		0.37	30/30	Wood pole		-	
							2.84	30/30	Steel pole		-	
Hyatt-Orange #1 (CSP)	227	316	287	356	138	138	6.85	50/35	Steel pole		2	
Buckeye Steel-Gay	170	240	179	250	138	138	0.02	40/40	Steel pole		-	
							0.71	40/40	Steet pole		-	
							2. 2	40/40	Steel pole		N +	
				1		30,	2		Pino Rionio		1	-

* The number of circuits designed is presumed to be the same as the number of circuits installed unless otherwise noted.

			T				_		_	7					_	Г		Г	Γ	_		_		Ī	_					7	Í		П		T	Т			Γ	ΤŤ	1	П
		Substations	On the Line								Rio		DuPont				Dupant	Brookside							_ _ _																	Italian Village
	er of	its	nstalled	N C	ν c	4 -	- c	1 1	- 1	7	-	_	-	7	-	-	-	2		-	-	Ψ-	-	1	-	2	_	-	_	2	2	1	1	2	2	-	-	1	-	1	-	-
	Number of	πL	Design*	-				_															-																			-
	Type of	Supporting	Structure	Wood pole	Steel pole	1000	Wood pole	מפבו למופ	elod boow	Steel Dole	Wood pole	Wood pole	Wood pole	Wood pole	Wood pole	Wood pole	Wood pole	Steel tower	Underground	Underground	Wood pole	Wood pole	Wood pole	Underground	Wood pole	Wood pole	Wood pole	Wood pole	Wood pole	Steel pole	Wood pole	Wood pole	Wood pole	Steel tower	Steel tower	Underground	Underground	Wood pole	Wood pole	Undefined (Wood pole	Undefined Wood pole	Chool note
Right-of-Way	Width	Max./Min.	(Feet)	100/30	200	00,004	100/30	3	100/30	100/30	100/100	100/100	100/100	70/70	70/70	100/100	10/100	100/50	+		200/100	200/100	100/100	/	20/20	100/100	200/100	200/100		150/150	100/100	150/60	Undefined	100/100	100/100	/	<u> </u>	Railroad R/W Wood pole	Railroad R/W Wood pole	Undefined	Undefined	Antan Antan
Rig		Length	(Miles)	U.4U	2 6	700	\$ 0	7.10	2.31	0.53	29.09	0.56	0.78	0.84	0.10	10.95	0.63	4.76	0.43	1.85	12.07	3.11	1.74	1.96	5.27	1.74	3.21	0.72	0.40	3.80	5.22	6.87	7.94	27.00	18.50	2.19	0.30	1.05	1.21	15.65	19.47	5
	Design	Voltage	₹	Š							138	138				138		138	138		138		_	138		138			138	345	345	345	138	138	138	138		138	138	138	138	ç
		<u>av</u>	(<u>K</u>)	25				-			138	138				138		138	138		138			138		138			138	138	138	138	138	138	138	138		138	138	138	138	90,7
_		<u></u>	Rating	*	-			_	_		243	529				229		330	184		349			264		229			533		517	517	271	330	330	269		287	287	220	242	
Winter Capability	(MVA)		Rating	207				_			189	189		_		189	I	287	136		281			240		506			4		427	427	210	287	287	204		287	287	191	191	2
apability	₹	Emergency	Rating	705				_			219	192				192		316	179		310			242		192			468		455	455	245	287	287	251		287	287	192	219	900
Summer Capability	(MVA)	Normal	Rating	727				_			150	150	_			150		722	131	•	223			240		156			348		338	338	167	287	287	183		287	287	152	152	2
		Transmission Line Name	(Origin – Terminus)	riyan-nunney							Lick/Addison-Sporn (OP)	Scippo-Scioto Trail	-			Scioto Trail-Delano		Sawmill-Bethe:	St. Clair-Mound		Mulberry-Waverly			McComb-Gay		Mulberry-Ross			Hyatt-Orange #2 (OP)		Corridor-Genoa	Corridor-Gahanna	Kirk-W. Millersport (OP)	Conesville-Newark Ctr. (OP)	Kirk-Newark Ctr. (OP)	Hess-Vine		Vine-City of Columbus-E.	Vine-City of Columbus-W.	Hocking-Poston (OP)	Hocking (OP)-W. Lancaster (OP)	Soit Vites
		Transmission	ġ	20-20-								138-70				138-71			138-75		138-77			138-78		138-79			6227				138-85					138-92				

* The number of circuits designed is presumed to be the same as the number of circuits installed unless otherwise noted.

·	_	_	$\overline{}$			_	_	_		$\overline{}$	r—		_							_		_				$\overline{}$
		Substations	On the Line		Raven,	Panhandle,	Copeland,	Bentonville,	Bentonville (cust)		!		!										Kimberly		<u>.</u>	Greif
	Number of	Circuits	Design* Installed	1						-	1	1	Į,	2	1	 	2	1	1	2	+	-	2			2
	Num	Ö	Design*																							
	Type of	Supporting	Structure	Underground	Wood pole					Wood pole	Wood pole	Wood pole	Wood pole	Wood pole	Wood pole	Steel pole	Sleel pole	Wood pole	Wood pole	Steel pale	Wood pole	Underground	Steel pole		Wood Pole Steel Pole	Underground
Right-of-Way	Width	Max./Min.	(Feet)	+	100/100					150/100	100/100	100/100	100/30	100/30	100/30	<u></u> t	_/		/		50/10	35/35	60/100		200/100	20/20
Rig		Length	(Miles)	4.48	24.88					6.67	4.07	17.05	3.50	1.00	2.00	6.25	2.30	0.50	3.87	1.39	6,16	3.18	0.56		15.15	0.70
	Design	Voltage	(KV)	138	138				_	138	138	138	138		138	345	138		138		138	138	138	UCTION	138	88
	Operating		_	138	69				_	69	69	69	138		138	138	138		138		138	138	138	ER CONSTR	138	8,
Winter Capability	(MVA)	Emergency	Rating	182	141					98	84	114	378		378	533	358		356		302	375	349	FACILITIES UNDER CONSTRUCTION	349	349
Winter C	Ē	Normal	Rating	134	141					72	98	103	268		368	441	287		287		287	282	281	FACII	281	281
Summer Capability	(MVA)	Emergency	Rating	177	111				-	98	75	96	303		303	468	316		316		242	375	310		310	310
Summer	<u>.</u>	Normal		129	111					72	75	78	290		290	348	227		227		227	282	223		223	223
		Transmission Line Name	(Origin – Terminus)	Clinton-OSU	Stuart-Seaman					Highland-Wilmington (DP&L)	Addison-Haners	Seaman-Highland	E. Broad-Yearling		Bextey-Yearling	Orange-Genca	Orange-Polaris		Polaris-Genoa		Dublin-Sawmill	Davidson-Dublin	Kimberly 138 kV Extension		Don Marquis- Waverly	Greif Extension
		Transmission	Line No.	138-102	2-69				-	69-70	69-72	69-73	FC80		FD80	6228	6225	!	4702		C710	C791	C795			C799

* The number of circuits designed is presumed to be the same as the number of circuits installed unless otherwise noted.

Normal Emerg Rating Rating Rating Rat 4842			office of the control		waner Capability		1	Right	Right-of-Way				
Normal Emergency Normal Normal Normal Emergency Normal	ᇍ	₹	Σŀ	€	Operating	Design		Width	Type of	Number of			
Control	-		mergency		Emergency	Voltage	Vottage	Length	Max./Min.	Supporting	Circuits	\$3	Substations
Canage-Maryaville	(enilling)		Kating	Raum	Kating	S	XX.	(M#(98)	(Feet)	Structure	Design* Installed	Balled	On the Line
Orange-Maryaville 4174 4174 4842 Gevur-Mountameer (AP) 3413 4253 4510 Gevur-Mountameer (AP) 3413 4253 4611 Fertilick-Maryaville 4055 4253 4611 Don Marquis-Hanging Rock 4055 4253 4611 Amos (AP)-Hanging Rock 4055 4253 4611 Amos (AP)-Hanging Rock 4257 4465 4842 Cullocar (CP)-Hanging Rock 4257 4465 4842 Baker (VP)-Hanging Rock 4257 4465 4842 Dumont (I&M)-Maryaville 4257 4465 4842 Collect (DL)-Trdd 1168 1733 1733 Fostona Central-Lemoyne (TE) 1766 4253 4611 Fostona Central-Lemoyne (TE) 1726 4253 4611 Fostona Central-Centron (CE)-Muskingum River 984 984 984 Souln Canton-Star (OE) 822 822 832 Sauth (OE)-South Central 1206 1633 173		425/	465	4642	2009	765	765	24.3	200/200	Steel tower			
Gavin-Mountaineer (AP) 3413 4255 4399 Gavin-Mountaineer (AP) 3413 4255 4319 Gavin-Fleitick 4055 4253 4611 Don Marquis-Henrging Rock 4055 4253 4611 Amos (AP)-Hanging Rock 4267 4465 4452 Amos (AP)-Hanging Rock 4267 4466 4461 Culloder (AP)-Hanging Rock 4267 4466 4461 Baler (AP)-Hanging Rock 4267 4466 4461 Dumont (LBM)-Maryavitie 4055 4253 4611 Hanging Rock-Lefferson (LBM) 4055 4253 4611 Colifer (DL)-Tidd 1168 1381 1481 Fostoria Centrel-Gallon (OE) 1409 1598 1773 Fostoria Centrel-Bayshore (TE) 972 1031 1076 South Canton Celtral 1227 4465 4461 Fostoria Central-Leffersone (TE) 972 1031 174 Mami (DP&L)-South Central 1206 1568 1774 <td< td=""><td>Marysville</td><td>4174</td><td>4174</td><td>4840</td><td>2002</td><td>785</td><td>TAK</td><td>25.08</td><td>2000000</td><td>Al. tower</td><td>-</td><td> </td><td></td></td<>	Marysville	4174	4174	4840	2002	785	TAK	25.08	2000000	Al. tower	-		
Cariff	Mountainer (AD)	0770		100	2	2 4	3 5	20.00	COURU			-	
Fatilick-Maryeville	Mountaineer (AL)	<u>2</u>	4253	4309	4770	765	766	2.61					
Fatilick-Marysville	Flattick	4056	4253	4611	4770	765	765	15.18	200/200	Steel tower		-	
Nammer-Standard Rock 3611 4439 4765	-Marysville	4055	4253	4611	4770	785	785	108.18		200/200 Steel tower		-	
Kammer-S. Canton 4055 4253 4611 Amos (AP)-Hangling Rock 4265 4465 4842 Culloden (AP)-Gaum 4055 4263 4611 Baker (KP)-Hangling Rock 4257 4465 4842 Dumont (I&M)-Maryaville 4257 4465 4842 Hanging Rock -Jafferson (I&M) 4055 4253 4611 Collier (DL)-Tidd 1391 1481 Collier (DL)-Tidd 1409 1598 1733 Fostoria Central-Ballon (OE) 1409 1598 1733 Fostoria Central-Bayshore (TE) 978 1031 1076 Fostoria Central-Bayshore (TE) 978 1031 116 Mami (DP&L)-S.W. Lima 956 1100 956 South Canton Central 1206 1231 1273 Hyatt-Tangy (OE) 972 1023 1106 Tidd-Wyjie Ridge (MP) 1200 1483 1734 Tidd-Canton Central 1409 1586 1734 E. Lima-S.W. Lima 1001	arquis-Hanging Rock	3611	4439	4765	5003	765	765	6.73		Steel tower		-	
Nammer-S. Canton								28.44		Al. tower		-	
Amos (AP)-Hanging Rock 4257 4465 4842 Culloden (AP)-Gavin 4055 4263 4611 Baker (KP)-Hanging Rock 4257 4465 4842 Daniorit (I&M)-Maryaville 4257 4465 4842 Daker (KP)-Hanging Rock 4257 4465 4842 Daker (KP)-Hanging Rock 4055 4253 4611 Colifer (DL)-Tidd 1168 1391 1481 Fostoria Central-Lemoyne (TE) 1409 1588 1733 Fostoria Central-Lemoyne (TE) 976 1031 1076 Fostoria Central-Lemoyne (TE) 976 1733 1677 Mani (DP&L)-S.W. Lima 966 1100 956 South Canton Central 1286 164 1564 Hanna (OE)-South Canton Central 1206 1438 173 Tidd-Canton Central 1207 1438 173 E. Lina-Fostore Central 1409 1598 173 E. Lina-Fostore Central 1409 1598 1733 Hyatt-W	er-S. Canton	4055	4253	4611	4770	765	765	79.60		200/200 Steel tower	-	-	
Cullocten (AP)-Gavin 4055 4253 4611	AP)-Hanging Rock	4267	4465	4842	5009	765	765	31.23		200/200 Steel tower			N. Proctoville
Beaker (KP)-Hangling Rock 4257 4466 4842 Dumont (I&M)-Maryaviile 4257 4465 4842 Hangling Rock-Jefferson (I&M) 4055 4253 4611 Colfier (DL)-Tidd 1168 1391 1481 Fostoria Central-Callon (OE) 1409 1598 1733 Fostoria Central-Bayshore (TE) 978 1031 1076 Galfon (OE)-Muskingum River 984 984 984 Fostoria Central-Bayshore (TE) 1423 1598 1677 Mamii (DP&L)-S.W. Lima 956 1100 956 Santranis (OE)-South Cardon 978 1021 1116 Hanna (OE)-Cardon Central 1206 1483 1529 Tdd-Cardon Central 1201 1438 1733 Tdd-Cardon Central 1409 1598 1733 E. Lina-Fostoria Central 1409 1598 1733 Hyatt-W. Millersport 1201 1438 1733 Hyatt-W. Millersport 1201 1534 1534 <td< td=""><td>an (AP)-Gavin</td><td>4055</td><td>4253</td><td>4611</td><td>4770</td><td>765</td><td>765</td><td>0.50</td><td> </td><td>200/200 Steel tower</td><td>-</td><td>T</td><td></td></td<>	an (AP)-Gavin	4055	4253	4611	4770	765	765	0.50		200/200 Steel tower	-	T	
Dumont (I&M)-Maryaville	KP)-Hanging Rock	4257	4465	4842	2009	765	765	1.67	200/200	200/200 Steel tower	-	-	
Hanging Rock-Jefferson (I&M) 4055 4253 4611 Colfier (DL)-Tidd 1166 1391 1481 Fostoria Central-Gallon (OE) 1409 1598 1733 Fostoria Central-Lemoyne (TE) 978 1031 1076 Fostoria Central-Bayshore (TE) 1423 1588 1677 Mami (DP&L)-S.W. Lima 956 1100 956 South Canton-Star (OE) 932 932 932 Sarrinis (OE)-South Canton 978 1031 1116 Hyatt-Tangy (OE) 1200 1483 1529 Tidd-Wylie Ridge (MP) 1200 1483 1528 Tidd-Wylie Ridge (MP) 1200 1483 1528 Tidd-Wylie Ridge (MP) 1200 1483 1538 E. Lima-S.W. Lima 1016 1304 1286 E. Lima-Mayswille 1409 1598 1733 Hyatt-W. Millersport 1201 1438 1530 Hyatt-W. Millersport 1201 1438 1534 Kammer Maskingum River 1201 1438 1534 Kammer Tada 1409 1504 1234 Kammer Tada 1409 1504 1504 Kammer Tada 1409 1504 1504 Kammer Tada 1504 1234 Kammer Tada 1504 1504 Kammer Tada 1504 Kammer Tada 1504 Kammer Tada 1504 Kammer Tada 15	it (I&M)-Marysville	4257	4465	4842	5009	785	785	76 24	200/200	200/200 Steel tower	-	-	
Colifer (DL)-Tidd	g Rock-Jefferson (I&M)	4055	4253	4611	4770	765	766	6.14	200/200	200/200 Steel tower		-	
Fostoria Central-Gallon (OE) 1409 1598 1733 Fostoria Central-Lemoyne (TE) 976 1031 1076 Gallon (OE)-Muskingum River 984 984 984 Fostoria Central-Bayshore (TE) 1423 1598 1677 Miami (DP&L)-S.W. Lima 956 1100 956 South Canton-Star (OE) 932 932 932 Sammis (OE)-South Canton 978 1031 116 Hyatt-Tangy (OE) 978 1564 1564 Hyatt-Tangy (OE) 923 1326 1773 Tidd-Wylie Ridge (MP) 1200 1483 1773 Tidd-Canton Central 972 1023 1709 Tidd-Canton Central 1409 1508 1733 E. Lima-SW. Lima 1016 1304 1286 E. Lima-SWille-Hyatt #2 1409 1536 1734 Hyatt-W. Millersport 1201 1438 1733 Hyatt-W. Millersport 1201 1438 1734 Kammer Tide 1740 <td>(DL)-Tidd</td> <td>1166</td> <td>1391</td> <td>1481</td> <td>1695</td> <td>345</td> <td>345</td> <td>0.31</td> <td>150/150</td> <td>Steel tower</td> <td>-</td> <td>_</td> <td></td>	(DL)-Tidd	1166	1391	1481	1695	345	345	0.31	150/150	Steel tower	-	_	
Fostona Central-Lemoyne (TE) 978 1031 1076 Calion (OE)-Muskitgum River 984 984 984 984 984 984 984 984 984 984	a Central-Gallon (OE)	1409	1598	1733	1793	345	345	2.39	450/450			Γ	South Berwick
Fostona Central-Lemoyne (TE) 976 1031 1076 Calion (OE)-Muskingum River 984 984 984 Fostona Central-Bayshore (TE) 1423 1598 1677 Mami (DP&L)-S.W. Lima 956 1100 956 South Canton-Star (OE) 932 932 932 Sanvans (OE)-South Canton 978 1021 1116 Hyatt-Tangy (OE) 1001 1438 1273 Hyatt-Tangy (OE) 923 1326 1174 Tidd-Wylie Ridge (MP) 1200 1483 1528 Tidd-Wylie Ridge (MP) 1200 1483 1528 Tidd-Canton Central 1409 1508 1733 E. Lima-Marysville 887 1185 1136 Hyatt-W. Millersport 1201 1438 1530 Hyatt-W. Millersport 1201 1438 1530 Kannach Hyatt-W. Millersport 1201 1204 Kannach Tidd 1204 Kannach Tidd 1204 1204 Kannach Tidd 1								44.96	200 100	Al. tower		_	
Calion (OE)-Muskingum River 984 984 984 984 984 Fostoria Centrel-Bayshore (TE) 1423 1598 1677 Mami (DP&L)-S.W. Lima 956 1100 956 South Canton-Star (OE) 932 932 932 Sammis (OE)-South Canton 978 1031 1716 Hyatt-Tangy (OE) 1001 1438 1273 Hyatt-Tangy (OE) 1001 1438 1273 Tidd-Wylle Ridge (MP) 1200 1483 1529 Tidd-Wylle Ridge (MP) 1200 1483 1529 Tidd-Wylle Ridge (MP) 1200 1483 1529 E. Lima-S.W. Lima 1016 1304 1286 E. Lima-S.W. Lima 1016 1304 1286 Hyatt-W. Millersport 1201 1409 1530 Hyatt-W. Millersport 1201 1409 1530 Kannner-Huskingum River 987 1304 1234 Kannner-Tada 1234 1234 Kannner-Tada 1234 Kannner-Maskingum River 1234 Kannar-Maskingum River	a Central-Lernoyne (TE)	978	1031	1076	1076	345	348	19.29	150/150	_	_	-	
Fostoria Centrel-Bayshore (TE) 1423 1598 1677 Miami (DP&L)-S.W. Lima 956 1100 956 South Canton-Star (OE) 932 932 932 Sammis (OE)-Canton Central 1266 1564 1564 Hyatt-Tangy (OE) 1001 1438 1273 Hyatt-Wylie Ridge (MP) 1200 1483 1528 Tidd-Wylie Ridge (MP) 1200 1483 1528 Tidd-Canton Central 1409 1598 1733 E. Lima-Marysville 887 1185 1138 Marysville-Hyatt #2 1409 1598 1733 Hyatt-W. Millersport 1201 1438 1530 Kanmor-Tidd 1204 1234 Kanmor-Tidd 1204 1234 Kanmor-Tidd 1304 1234 Kanmor-Tidd 1304 1234 Kanmor-Tidd 1304 1234 Kanmor-Tidd 1304 1234 Kannor-Tidd 1304 1304 Kannor-Tidd 1304 1304 Kannor-Tidd 1304 1304 Kannor-Tidd 1304 K	(OE)-Muskingum River	28	984	3 5,	984	345	345	16.87	150/150			Ţ	Ohio Central
Frostoria Centrel-Bayshore (TE) 1423 1598 1677 Marmi (DP&L)-S.W. Lima 956 1100 956 South Canton-Star (OE) 932 932 Sammis (OE)-South Canton 978 1021 1116 Hyatt-Tangy (OE) 1601 1438 1273 Hyatt-Marywille-Tangy (OE) 1601 1438 1528 Tidd-Wylle Ridge (MP) 1200 1483 1528 Tidd-Wylle Ridge (MP) 1200 1483 1528 Tidd-Canton Central 1409 1598 1733 E. Lima-S.W. Lima 1016 1304 1286 E. Lima-Marywille 1409 1596 1733 Hyatt-W. Millersport 1201 1438 1530 Hyatt-W. Millersport 1201 1438 1530 Kannner-Tada 1201 1438 1530 Kannner-Tada 1201 1304 1234 Kannner-Tada 1201 1304 1234 Kannner-Tada 1201 1304 1234 Kannner-Tada 1601 1304 1234 Kannar-Marywille 1601 1304 1234 Kannner-Marywille 1601 1304 1234 Kannner-Marywille 1601 1304 1234 Kannar-Marywille 1601 1304 1234 Kannner-Marywille 1601 1304 1234 Kannner-Marywille 1601 1304 1234 Kannar-Marywille 1601 1601 1601 1601 1601								86.47		Al. lower		-	
Miami (DP&L)-S.W. Lima 956 1100 956 South Canton-Star (OE) 932 932 Sammis (OE)-South Canton 978 1031 1116 Hyatt-Tangy (OE) 1601 1438 1273 Hyatt-Tangy (OE) 1200 1483 1529 Tidd-Wylle Ridge (MP) 1200 1483 1529 Tidd-Wylle Ridge (MP) 1200 1483 1529 Tidd-Mylle Ridge (MP) 1200 1483 1529 E. Lima-Fostone Central 1409 1598 1733 E. Lima-Margaville 887 1186 1733 Hyatt-W. Millersport 1201 1438 1530 Kanmer-Hyatt #2 1409 1594 1234 Kanmer-Tada 1234 Kanmer-Marking 1234 Kanmer-	a Central-Bayshore (TE)	1423	1598	1677	1793	345	345	19.29	150/150	Steel tower			
South Canton-Star (OE) 932 932 932 932 932 932 932 932 932 932 932 932 932 116 116 116 116 116 116 116 116 116 116 116 116 116 116 1273 1273 1273 1273 1273 1174 1273 1174 1273 1174 1273 1174 1273 1174 1273 1174 1273 1273 1273 1174 1273 1273 1273 1273 1273 1273 1273 1273 1273 1273 1273 1273 1274 <td>(DP&L)-S.W. Lima</td> <td>926</td> <td>1100</td> <td>928</td> <td>100</td> <td>345</td> <td>**</td> <td>18.04</td> <td>150/150</td> <td>Steel tower</td> <td></td> <td></td> <td></td>	(DP&L)-S.W. Lima	926	1100	928	100	345	**	18.04	150/150	Steel tower			
Sammis (OE)-South Canton 978 1031 1116 Hannis (OE)-Canton Central 1266 1564 1564 Hyatt-Tangy (OE) 1001 1438 1273 Maryeville-Tangy (OE) 923 1326 1174 Tidd-Wylie Ridge (MP) 1200 1483 1529 Tidd-Canton Central 972 1023 1109 E. Lima-Fostorie Central 1409 1598 1733 E. Lima-Maryeville 887 1185 1136 Maryeville-Hyatt #2 1409 1596 1733 Hyatt-W. Millersport 1201 1438 1530 Kannon-Tidd 1304 1234 Kannon-Tidd 1304 1304 Kannon-Tidd 1304	Canton-Star (OE)	932	932	832	932	345	348	0.69	150/150	-	-	-	
Hanna (OE)-Canton Central 1286 1564 1564 1564 1564 1564 1564 1564 1564 1564 1564 1564 1564 1564 1564 1564 1564 1564 1564 15654 166	s (OE)-South Canton	978	1031	1116	1153	345	345	0.70				-	
Hyatt-Tangy (DE)	(OE)-Canton Central	1266	1554	1564	1554	345	348	1.20	-			-	
Maryaville-Tangy (OE) 923 1326 1174 Tidd-Wylie Ridge (MP) 1200 1483 1528 Tidd-Canton Central 972 1023 1108 E. Lima-Fostore Central 1409 1598 1733 E. Lima-S.W. Lima 1016 1304 1286 E. Lima-Maryaville 887 1185 1138 Maryaville-Lyatt #2 1409 1598 1733 Hyatt-W. Millersport 1201 1438 1530 Kannner-Husskingum River 972 1304 1234 Kannner-Tada	andy (OE)	1001	1438	1273	1800	JAK	348	0.25		AND Charl trains	+	,	
Tidd-Wylie Ridge (MP) 1200 1483 1528 Tidd-Canton Central 972 1023 1109 1733 E. Lima-SW. Lima 1016 1304 1286 1733 Maryeville Hyatt #2 1409 1598 1733 Maryeville Hyatt #2 1409 1598 1733 Maryeville Hyatt #2 1409 1590 1530 Maryeville Hyatt #2 1409 1530 1530 Maryeville Hyatt #2 1409 1530 1530 Maryeville Hyatt #2 1409 1530 1530 Maryeville Hyatt #2 1530 1530 1530 Maryeville Hyatt #2 1530	ille-Tangy (OE)	923	1328	1174	1485	345	345	23.05	Ĺ	150/150 Steel tower	-	- -	
Tidd-Canton Central 972 1023 1109 E. Lima-Fostorre Central 1409 1598 1733 E. Lima-S.W. Lima 1016 1304 1286 E. Lima-Marysville 897 1185 1136 Maryeville-Hyatt #2 1409 1596 1733 Hyatt-W. Millersport 1201 1438 1530 Karrnner-Muskingum River 972 1304 1234	lylie Ridge (MP)	1200	1483	1529	1676	345	345	0.31		(50/150 Steel tower		-	
E. Lima-Fostorre Central 1409 1598 1733 E. Lima-SWi, Lima E. Lima-Marysville 897 1185 1136 Marysville-Hyatt #2 1409 1598 1733 Karmner-Mullersport 1201 1438 1530 Karmner-Mullersport 1201 1434 1534	anton Central	972	1023	-	1147	345	345	52.40		50/150 Steel tower		-	
E. Lima-S.W. Lima E. Lima-Marysville Manyeville-tryatt #2 Hyatt-W. Millersport Kammer-Muskingum River K. Common T. Hunder E. Lima-Marysville 387 1136 1138 1128 1128 1128 1128 1129 1234	a-Fostorie Central	1409	1598	1733	1793	345	345	5.35		Steel tower		-	
E. Lima-Manysville 887 1185 1136 Manyeville-tyatt #2 1409 1598 1733 Hyatt-W Millersport 1201 1438 1530 Kannner-Muskingum River 972 1304 1234	a-S.W. Lima	1016	1304	1286	1505	345	345	2 3	150/150		+	•	E.,
Match Matc	a-Marysville	887	1185	1.38	1355	88	Z.	47.15	Ì	150/150 Steel tower		-	
Hyatt-W. Millersport 1201 1438 1530 Kannner-Muskingum River 972 1304 1234 Kommon Tital	ille-Hyatt #2	1409	1598	1733	1793	345	345	23.30		150/150 Steel tower	-	-	
Kannner-Muskingum River 972 1304 1234	V. Millersport	1201	1438	1530	1610	345	345	37.80		150/150 Steel tower		-	
Kommon Tidal	er-Muskingum River	972	1304	1234	1505	345	345	L.		150/150 Steel tower		-	
2 Namilian - 100	er-Tidd	972	1304	1234	1505	346	346			150/150 Steel tower		-	W. Bellaire
1413 1234	gum River-Beverly	972	1413	1234	1575	345	345	1.39		150/150 Steel tower		-	

* The number of circuits designed is presumed to be the same as the number of circuits installed unlass otherwise noted.

		Summer Capability	Winter (Winter Capability	Onemaline) Position	Right	Right-of-Way	, , , , , , , , , , , , , , , , , , ,	4	1	
Transmission Line Name	Normal	Emergency	Nomal	Emergency	Voltage	Voltage	Length	wider Max./Win.	Supporting	Circuits	eror ults	Substations
(Origin – Terminus)	Rating	Rating	Rating	Rating	(RV)	(KV)	(Miles)	(Feet)	Structure	Design.	Installed	On the Line
	972	1413	1234	1575	345	345	82.38	150/150	150/150 Steel tower			
Muskingum River-W. Millersport #1	897	1157	1138	1336	345	345	54.00	150/150	150/150 Steel tower		•	
Muskingum River-W. Millersport #2	910	1157	1150	1336	345	346	54.00	150/150	150/150 Steel tower		-	
Marysville-S.W. Lima	972	1413	1234	1575	345	345	55.40	150/150	150/150 Steel tower		-	
Muskingum-Waterford	1016	1304	1286	1505	345	345	5.01	150/150	Steel tower		-	
	1408	1887	1871	2143	345	345	43.47	150/150	150/150 Steel tower	-	-	
	878	1022	1110	1216	345	345	34.62	150/150	150/150 Steel tower		-	
R P Mone-Robison Park (I&M)	878		1110	1216	345	345	45.00	150/150	150/150 Steel tower		-	
S. Canton-Canton Central #1	1409	1886	1780	2143	345	345	8.12	150/150	150/150 Steel tower		-	Southeast
S. Canton-Canton Central #2	1409	1886	1780	2143	345	345	8.15	150/150	150/150 Steel tower		-	
Kirk (CSP)-W. Millersport	1166		1481	1712	345	345	3.19	150/150	Steel pole		2	
							6.29	150/150	150/150 Steel tower		· FN	
Bluebell (OE)-Canton Central	220	292	294	294	138	138	0.36	100/100	100/100 Wood pole		-	
Canton Central-Cloverdale (OE)	160	193	181	210	138	82	0.38	100/100	100/100 Wood pole		-	
E. Wooster-Cloverdale (OE)	160	193	18	229	138	25	9	07/07	70/70 Wood pole		-	
Comer (MP)-Muskingum	176	176	213	222	138	138	0.33	100/100	Steel pole		-	
E. Liverpool-Wylle Ridge (MP)	28	26	쥻	71	138	138	960	100/100			+	
E. Leipsic-E. Lina	195	2	221	246	138	138	17.51	100/100			-	Rockport (ANVEC)
							6.57	100/100	Steel pole	_	7	Baseline (PPEC)
E. Leipsic-Richland (TE)	222	265	271	287	138	138	10.23	100/100	100/100 Wood pole			
Fremont Center-West Fremont (TE)	305	878	954	448	128	135	7 0.07	100/100 Steel	Ctoc Aue		- -	1
,,		V. C.	3	Ê	2	2	3.00	100/100 Wood	Wood	••		riettion!
Hillsboro-Hutchings (DP&L)	185		234	287	138	138	37.36	100/100	100/100 Wood pole		-	Middletown
Hillsboro-Maysville (KU)	391	191	191	191	138	138	33.55	100/100	100/100 Wood pole		-	Emerald
							0.81	80/190	80/BO Wood pole			Kenton
Hilfsboro-Clinton County	159	184	200	218	138	138	17.24	100/100	100/100 Wood pole	_	-	
Howard-Brookside (OE)	133		177	205	138	\$2	7.99	100/100	100/100 Steel tower		-	
Howard-City of Shelby	2	93	4 80	53	138	82	<u>46</u>	100/100	100/100 Stael tower		_	
Colonia Distriction		505		1		1	0.53	70770	70/70 Wood pole	1		
TREATED (15.)	214		107	LES.	138	25	0.21	100/100	100/100 Wood pole		1	
Milbrook PkW.T. Love (Hamilton)	213		269	301	138	138	1.60	100/100	100/100 Steel tower		+	
N. Portsmouth-Sargents (OVEC)	. 185	205	222	228	138	138	16.30	100/100	100/100 Wood pole		-	S. Lucasville,
Title 18/airten #1 (88D)	470	170	400	200	907	1,50	1	2007	i			Wakefield
	3		777	777	138	3	0.41	100/100	10U/100 Steel tower	1	-	Carregie (MP)
Tidd-Weirton #2 (MP)	176		224	236	138	85	3.71	100/100	Steel tower Wood pole		_	Mahans Lane (MP)
Tornate Minister All Didge (MD)	473	717	000	470	50,7	,				1	1	

* The number of arcuits designed is presumed to be the same as the number of cycuits installed unless otherwise noted.

		Summer Capabili	Capability	Winder	Winter Capability			Right	Right-of-Way				
		3	(MVA)	8	(MVA)	Operating	Design		Width	Type of	E N	Number of	
fransmission Line No.	Transmission Line Name (Origin – Terminis)	Normal	Emergency	Normal	Emergency	Voltage	Voltage	Length	Mex.Min.	Supporting	Ö	Circuits	Substations
FA60	Torrey-Cloverdale (OE)	199	241	225	285	138	138	0.37	100/100	Steet tower	Libisari	CASSIGN INSTANTED	Ca me cine
FA70	W. Canton-S. Akron (OE)	209	281	247	287	138	138	60.82	100/100	100/100 Steal tower		-	Dale (OE),
FA82	West End-Lemoyne (TE)	189	239	223	284	88	138	18.55	100/100	100/100 Steel pole		-	Mode (CE)
FC06	Academia-Howard	209	289	28.4	326	82	3,5	18 15	201	Stant tone		- -	# 1 **
				1	3	3	2	0.23	100/100	100/100 Steel (Owe)			N. Lexingron, Apple Valley
FC06	Academia-Ohio Central	508	289	264	328	138	138	37.35	100/100	100/100 Sheet tower		1	(LKE)
FC07	Academia-West Mt. Vernon	220	255	2777	303	138	E.	8	100/100	100/100 Steet tower		-	
FC34	Fostona Central-Buckley Road	152	192	191	ន្ត	8	138	8.66	150	150 Steel tower		-	Riema Sun
								8	8	80 Wood pole		-	(NCEC)
		İ						2.60	20	50 Wood pole			,
3	Bucyrus Center-Howard	ফ্র	93	쫎	63	138	138	16.70	100/100	100/100 Steel tower		-	Sulphur Springs
FC80	S.E. Canton-Canton Central	305	410	386	466	138	138	3.41	100/100	100/100 Steel tower		-	
FC64	Carroton-Sunnyside	191	250	255	297	138	138	19.67	100/100	100/100 Steel tower		-	
FC65	Carrolton-Tidd	191	250	255	297	138	138	29.79	100/100	100/100 Steel tower		-	S. Cadiz
FC70	Canton Central-Wagenhals #1	297	384	375	452	138	138	2.00	100/100	100/100 Steel tower			
FC74	Canton Central-Wagenhals #2	297	384	375	452	138	138	2.00	100/100	100/100 Steel tower		-	
FC72	N. Portsmouth-Ctl. Portsmouth	165	186	183	202	138	138	6.00	100/100	100/100 Wood pole		-	
FC76	Crooksville-N. Newark	128	175	161	197	138	138	32.60	100/100	100/100 Wood pole		-	
£	Crooksville-Muskingum	220	255	277	303	85	138	40.50	100/100	100/100 Steel tower		-	N. Muskingum,
													Cannelville (GMEC)
900	Crooksville-S. Lancaster	167	245	210	27.1	38	38	26.80	100/100	100/100 Steel tower		1	
FDZ()	E. Lima-Ford	155	219	189	242	138	138	3.40	100/100	100/100 Steel tower		1	
FD40	E. Lima-Haviland	167	Š	210	229	138	138	35.10	100/100	100/100 Steel tower		_	
FD62	E. Lima-New Liberty	150	206	68	229	138	138	25.90	100/100	100/100 Steel tower			
FD64	E. Lima-N. Findlay	167	245	210	27.1	138	138	29.20	100/100	100/100 Steel tower		-	N. Woodcock
FD80	E. Lima-Rockhill	167	245	210	27.1	138	138	4.40	100/100	00/100 Steel tower		-	
FD90	E. Lima-S. Kenton	158	192	206	229	138	138	7.20	100/100	Steel tower Wood pole		r	W. Newton (MEC)
FD98	E. Lima-Sterling	223	310	281	349	138	138	8.40	100/100			-	Thayer Road
FE20	E. Lima-W. Lima	205	255	258	303	138	138	12.40	100/100	100/100 Steel tower		-	N.W. Lima,
מבשט	E 19/kmm/american water and the de-	100	SE.	001	470		1	,	İ				Woodlawn
₹ 8	C. YVIDERSBUIG-MINDION PARK	2	SJ1	183	213	138	2	8.70		100/100 Steel tower		-	Dogwood Ridge
202	IE. VVIeerersburg-Texas Eastern	101	150	127	167	138	138	2,00	-	100/100 Steel tower		-	

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		Summer Capabi	Capability	Winter C	Winter Capability	;		Right	Right-of-Way	,	;		
Transcionation	_	8	(MVA)	홠	(MVA)	Operating	Design		Width	Type of	Number of	ar of	
ianskinskion Ima No	/Overs Termone	Normal	Emergency	lemoN	Emergency	Voltage	Voltage	Length	Max.Min.	Supporting		ţş.	Substations
FE88	E. Wooster-Wooster	191	201	255	782	138	138	(MIII0S)	100/100	Steel towar	nesign.	nstalled t	On the Line
					1		}	. e.		Wood pole		•	
FE69	E. Wooster-S. Canton	205	255	258	303	138	138	6.75	100/100	Steel tower		-	Canal Road,
FE73	Fostoria Central-New Liberty	149	188	189	218	138	2 8	13.30	100/100	Steel tower		-	Findley Ct.
FE74	Fostona Central-N. Findlay	167	245	210	271	138	138	10.28	100400			,	N.E. Findlay
				-,				010	100/100			-	
FE75	Fostoria Central-Greenlawn/ Howard	167	245	210	271	138	138	47.47 4.85	100/50			4	
FE77	Fostoria Central-West End	287	337	363	400	138	138	1.70	1007100	100/100 Steel tower	-	-	
FE80	Ford-Rockhill	167	245	210	271	138	- 88	8.	100/100	Steel tower		-	
FE83	Fremont Center-Tiffin Center	205	284	258	320	138	138	2.12	100/50	Steel tower		_	
ESK	Constitution of the Consti	3	700	1		,		5.48 84.68		Wood pole			
7500	Creenlawn-1im Center	107	201	258	262	138	138	3.30	100/50	100/50 Wood pole		-	
E90	Hillsboro-Milibrook Park	185	257	234	289	138	138	51.80	100/100	100/100 Wood pole		-	Sinking Springe (SCP)
FE91	Gavin-Milibrook Park	185	257	234	289	138	138	49.45	100/100	100/100 Steel tower		-	
FE94	Gavin-N. Proctorville	151	235	189	264	138	2 8	49.25	100/100	100/100 Steel tower		-	N. Crown City
12239	Howard-North Belivilia	138	179	183	213	138	- 2 8	18.03	100/100	100/100 Steel tower		-	
12240	North Bellville-Philo Switch	138	179	183	213	138	138	62,43	100/100	100/100 Steel tower		-	Milwood.
		-						0.22		Wood pole		-	Bladensburg (LRE)
H-40	West End-Howard	138	179	183	213	138	138	4.90	100/100	100/100 Steel tower		-	S. Tiffin,
										٠			Chaffield, ROC Gas MICEO
FF80	Kammer-Ornet 1	262	301	329	373	138	138	171	100/100	Steel tower		-	TO CHE THE
FF81	Kammer-Ormet 2	262	301	328	373	138	138	1.71	100/100	100/100 Steel tower		-	
FF82	Kammer-Ormet 3	262	262	329	373	138	138	1.55	100/100	100/100 Steel tower		-	
FF83	Kammer-Ormet 4	262	301	329	373	138	138	1.55	100/100	100/100 Steel tower		-	
FF87	Kammer-W. Bellaire	297	393	375	452	138	88	12,85	100/100	100/100 Stael tower		-	
FG00	Milibrook Park-South Point	138	179	183	213	138	138	34.60	100/100	100/100 Steel tower			
FG05	Milbrook Park-N. Portsmouth	185	255	234	289	138	138	3.40	100/100	100/100 Wood pole		-	
FG80	Muskingum-Summerfield	191	250	255	297	138	138 138	25.31	100/100	Steel tower		1	S. Cumberland,
FG84	Minekinguna.W. Cambridge	222	340	200	076	900	900	10.01	20000	WOULD DOM		1.	o caldwell
,		37	910	107	3	8	200	42.87	OUTWOT.	TOWNER STORES			East New Concord
FH20	Newcomerstown-S. Coshocton	133	173	1771	207	138	138	14.35	100/100	100/100 Wood pole		-	
至	W. Cambridge-Newcomerstown	194	250	255	297	138	138	14.94	100/100	100/100 Steel tower		-	

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		Summer	Summer Capability	Winter C	Winter Capability			Right	Right-of-Way				
			(MVA)	함	(MVA)	Operating	Design		Width	Type of	Number of	ser of	
Fansmission Line No	Transmission Line Name (Origin - Terminae)	Normal	Emergency	Normal	Emergency	Vottage	Voltage	Length	Max/Min.	Supporting	Circuits	ruits	Substations
FH45	Newcomerstown-	191	250	255	297	138	138	17.60	100/100	Steel tower	Design Installed	Installed 1	On the Line Hillview
FH66	W. Millersport-S. Central Co-op	209	289	264	326	138	138	0.23	70/70	70/70 Wood pole		-	
FH80	N. Newark-Ohio Central	হ	201	282	262	138	138	21.50	100/100	100/100 Wood pole		-	Frazeysburg,
FJ23	West Millersport-N. Newark	138	179	183	213	138	138	11.44	100/100	Steel tower		-	Heath
F.J40	N. Newark-W. Mt. Vernon	185	255	234	289	138	138	1.48	100/100			-	Sharp Road
F.145	N. Proctorville-South Point	251	307	317	34	138	138	10.86	100/100	100/100 Steel tower		,	
FJ59	Ohio Central-S. Coshocton	185	250	234	289	138	138	14,44	100/100	100/100 Steel tower		-	j
12478	Ohio Central-West Millersburg	185	255	234	289	138	138	14.74	100/100	Steel tower		-	W. Coshocton, S. Millersburg
12477	West Millersburg-Wooster	185	201	222	229	138	138	15.19	100/100	100/100 (Wood pale			G
F.J62	Ohio Central-Zanesville	205	255	258	303	138	138	1.86	80/60	Steel tower		-	N. Zanesville, Powelson
F.165	Ohio Central-Philo	208	269	792	316	138	138	18.02	100/100			-	E. Zanesville,
FJ74	Ordnance JotSterling	338	393	425	468	138	138	55.5	100/100	100/100 Steel towar		1	
FJ75	Ordnance JctS.W. Lima	313	384	415	458	138	138	3.90	100/100	100/100 Steel towar		-	Shawnee Road
FK13	Philo-S. Canton	138	179	183	213	138	138	6.31 6.31	100/100	Steel tower Wood pole		2	Bridgeville, W. Dover, N. Strashum
									į				Sugar Creek Termanal, Bethel Church (GMEC), Chandlersville (GMEC)
FK40	Philo-Zanesville	138	179	183	213	138	138	12.20	100/100	100/100 Steel tower		٠	W. Philip
FK83	Rockhill-W. Lima	159	184	200	218	138	138	06.6	100/100	100/100 Steel tower		-	Eastown Road
7 884	S.E. Canton-S. Canton	297	384	375	452	138	138	7.20	100/100	100/100 Steel tower		1	Faircrest
FK87	S. Canton-Wayvnew	251	307	317	¥	138	138	4.02	50/50	Steel tower Steel pole		-	Promway
2003	North Intertie-S. Canton	208	256	275	305	138	138	19.15	100/100			2	Bolivar
5161	North Intertie-W. New Philadelphia	208	258	275	306	138	138	1.00	100/100	Steel tower			
FK93	S. Canton-Timken (Richville)	305	384	386	458	138	138	2.67	100/100	100/100 Steel tower		-	
FK95	S. Canton-Torrey	298	376	378	430	138	138	2.90	100/100	100/100 Steel tower		-	

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		Summer Capab	Capability	Winter C	Winter Capability			Right	Right-of-Way				
F		¥)	(MVA)	ᆲ	(MVA)	Operating	Design		Width	Type of	Number of	erof	
Line No	(Original Terminals)	Normal	Emergency	Normal	Emergency	Voltage	Voltage	Length	Max./Min.	Supporting	Circusts	27 m	Substations
1 O	W. R. Vomen C. Venter	460	See and the see an	E I	E STATE OF THE STA	(WA)		(MINES)	(Leex)	Surgue	Design	Installed	On the Line
3	Ve. IMI, Vermon-S. Kenton	ÃG.	\$ 0.	2007	218	138	138	59.10	100/100	100/100 Wood pole		_	Fulton,
•													North Waldo,
													vyliocreek (MEC), Rengert (MEC)
FL06	S.E. Canton-Sunnyside	289	302	375	393	138	138	3.20	100/100	100/300 Steel tower		-	(A)
FL07	S.E. Canton-Timken	297	384	375	452	138	138	7.06	100/100	100/100 Steel tower		-	AGA Gas
								0.16	80/80	80/80 Wood pole			
FL09	S. Lancasler-W. Lancaster	156	184	200	218	138	138	3.90	100/100	100/100 Steel tower		-	
FL30	S.W. Lima-W. Moulton		192	191	220	138	138	13.30	100/100	100/100 Wood pole		-	Hegemann (City
FL35	S.W. Lime-W. Lime	355	439	452	A1A	138	2.5	A RO	1001100	1001100 Steel towar			C OF Maryo
FL45	Steubenville-Tidd	158	192	191	220	138	3 %	7.35		100/100 Steel tower		-	
FL50	Summerfield-Texas Eastern	106	146	134	163	138	138	3.50	100/100	100/100 Wood pole		-	
	(allied)	100	700	61.6				1					
100	Sunnyside-Torrey	SOZ	284	258	320	138	138	3.90	100/100	100/100 Steel tower		-	
20	Sunnyside-Wagenhals	297	384	375	452	138	138	2.23	100/100	Wood pole			
								1.44	201	Steel tower		-	
FM44	Timken-Timken (Richville)	297	302	375	393	138	138	1.90	100/100	100/100 Steel tower		_	
ENGO S	Tidd-Wagenhals	313	384	415	458	138	138	53.40	100/100	100/100 Steel tower		_	E. Amsterdam.
***													Malvern,
EF. 40	M. 1.4 1.0 1.1. 1.1. 1.1. 1.1. 1.1. 1.1.	100											Broadacre
O-NL	I IOG-VVNeeling Caest 1	213	/52	213	257	138	138	5.10	100/100	100/100 Steel tower		-	
-1441	Tidd-Wheeling Steel 2	213	267	건3	257	138	138	1.27	100/100	Steel tower Wood pole		-	
FN80	Torrey-W. Canton	191	250	253	297	138	138	2.65	100400	Steel towar		,	Reedurban,
					-			5.22	2	Steel pole		-	Miles Avenue,
FP20	Wagenhals-W. Canton	205	255	258	303	138	138	10.10	100/100	100/100 Steel tower	2	-	N.E. Canton.
9900				ļ									Packard
661	Wagenhals-Kepublic Steel 1	287	## 88	375	452	138	138	0.65	100/100	100/100 Steel tower			
FP56	Wagenhals-Republic Steel 2	305	384	382	458	138	138	0.68	100/100	100/100 Steel tower			
FP85	Wayview-W. Canton	191	720	255	297	138	138	3.31	50/50	50/50 Steel tower			Belden Village
FP80	W. Lancaster-W. Millersport	159	184	202	218	138	138	14.40	100/100	100/100 Wood pole		-	S Pallimore
FP81	W 1 agracter_Zameswith	42.0	170	192	0.50	00.7	3.20	Cour	400/400				
		3	n .	3	217	2	92	43.02	סטריטפר	TOU/UCT STEET TOWER		_	Junction City (SCP)
	Apple Grove (AP)-South Point	156	192	<u>2</u>	220	23	38	9	100/100 Stee	Stee		74	Fayette (BREC)
								5		DooM			Scottown (BREC)
1								19.3		Steel		-	
FV28	Darrah (AP)-N, Proctorville	297	387	375	452	138	138	3.50	100/100	100/100 Steel tower		-	E. Proctorville

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		Summer	Summer Capability	Winter C	Winter Capability		·	Right	Right-of-Way				
T		3	(MVA)	Źŀ		Operating	Design		Width	Type of	Ë	Numberof	
Iransmission	Transmission Line Name	Normal	Emergency		Emergency	Voitage	Voltage	Length	Max.Min.	Supporting	S	Circuits	Substations
Line No.	(Crigin – reminus)	Kating	Rating	Rating	Rating	Ş	ફ	(Miles)	(Feet)	Structure	Design* Installed	Installed	On the Line
FV33	Dexter-Sport	296	364	375	452	138	138	24.90	100/100	Steel tower		-	Meios No. 1
FV34	E. Huntington (AP)-N. Proctorville	220	255	277	303	138	138	3.86	100/100	100/100 Steel tower		-	
FV36	Gavin-Sporn #1	185	257	234	289	138	138	5.40	100/100	100/100 Steel tower		-	
FV38	Gavin-Sporn #2	157	245		271	138	138	7.80	100/100	100/100 Steel tower		-	
FV45	Sporn-Lick/Addison (CS)	150	219	189	243	138	2	24.05		100/100 Steel tower		-	
FV75	South Point-Tristale (AP)	257	360		\$	138	138	0.48		100/100 Steel tower		1	
FW40	Bellefonte (KP)-E. Wheelersburg	138	179	181	188	138	82	26.90	100/100	Steel tower			Hanging Rock
FW45	Bellefonte (KP)-N. Proctorville	167	245	210	27.1	138	+38 *	19.65	100/100	Steel tower		-	R
FX30	Haviland-Milan (BM)	167	201	210	229	138	35	11.03	100/100	Steel tower		-	
FX60	Lincoln (&M)-Sterfing	108	126	151	167	138	125	A2 RX				-	Month Dalahan
		3	3	5	2	3	3	5.96	100/100			₩.	Norm Celphos, East Side
FX65	Lockwood Rd-Robison Park (I&M)	223	307	281	344	138	£	14.74	100/100	100/100 Wood pole		-	South Hicksville
-700	W. Beflaire-Windsor (MP)	212	258	769	305	138	138	5.39	100/100	Steel tower		-	Tiltonsville
FY10	Brues (WP)-W. Bellaire	191	250	255	297	138	138	47	100/100			-	
₩.	Coords Machineton Aston Tida	è	500	1	150	1				Caron Inches		-	
}		<u>.</u>	Ž,		₹	50 50 50 50 50 50 50 50 50 50 50 50 50 5	200	0.26	100/100	100/100 Steel tower		-	Valley Grove (WP), Big Grove Creek (MP), West Liberty
FY60	Kammer-Tkd/Brues (WP)	209	289	264	326	138	- 138 - 138	0.41	100/100	100/100 Steel tower		-	Ft. Henry (WP), County Line (WP)
FY70	Muskingum-Natrium (WP)	191	250	255	297	138	138	59.10	100/100	100/100 Steel tower		-	Caldwell,
			·										Somerton, Ball Hollow (WEC)
FY80	Natrium (WP)-Summerfield	191	234	253	278	138	138	27.00	100/100	100/100 Steel tower		-	Switzer
FZ93	College Comer (I&M)-Trenton 1 (CG&E)	185	202	222	677	138	138	ſ	100/100	100/100 Steel tower		-	
FZ94	College Comer (ISM) Trenton 2	185	205	222	229	138	138	23.92	100/100	100/100 Steel tower		-	
F735	Hutchings (DP&L)-Trenton (CG&E)	185	191	191	191	138	138	4.89		100/100 Wood pole		-	
FZ96	Ravenswood-Sporn 1	224	282	283	326	138	138	5.67	100/100	100/100 Stael tower		-	
FZ97	Ravenswood-Sporn 2	258	345	327	396	138	138	5.87	100/100	100/100 Steel tower		1	
FZ98	Ravenswood-Sporn 3	257	301	325	344	138	138	4.25	100/100	100/100 Steel tower		-	
FZ99	Ravenswood-Sporn 4		383	387	455	138	138	4.25		100/100 Steel tower		-	
F151	Crooksville-Poston/Strouds Run (CS)	133	173	177	207	138	138	27.80		100/100 Steel tower 100/100 Wood pole			Buckingham Coal
F153	Conesville Prep. Plant Tap	149	188	149	188	138	138	0.63		80/80 Wood pole		-	

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Transmission Line No. F169 D F169 A		2	Currence Capacilly	Winter	Winter Capability		· ·	Right	Right-of-Way				
emission ne No.		S	(MVA)	3	(MVA)	Operating	Design		Width	Type of	Num	Number of	
NO.	Transmission Line Name		Emergency		Emergency	Voltage	Voltage	Length	Max/Min.	Supporting	Circuits	nite	Substations
	(Origin - Terminus)	Rating	Rating	Rating	Rating	(KV)	SS SS	(Miles)	(Feet)	Structure	Design* Installed	Installed	
a	Dexter-Poston/Elliott (CS)	223	302	281	344	138	-138 88	17.04	100/100	100/100 Steel tower		-	Ž
	Addison/Lick (CS)-Spam	150	219	189	243	138	138	24.05	100/100	100/100 Steel tower		-	
								0.29	80/80	80/80 Wood pole			
	W. Millersport-Kirk (CS)	167	245	210	27.1	138	138	8.08	100/100	100/100 Stael tower		-	Millersport,
HA02 E	Fremont. City of Clude (Boot)	†#	2	, P	2	1	18	0.00	0.00	Wood pole		-	W. Hebron
	Attended of Charles	5	CG :	2	8	ê	138	12.23	nc/na	BU/50 Wood pole		-	
	E. Amsterdam-Carroll Co-op	76	96	76	8	69	138	8.24	100/100	100/100 Wood pole		-	
W	Milibrook Park-Pedro (CS)	2	73	<u>8</u>	9	69	\$	6.50	100/100	100/100 Steel tower		+	
								0.62	70/70	70/70 Wood pole	_	_	
Samuel Samuel	Wayvew-Hoover North	8	41.7	96	114	99	88	1.06	90/20	50/50 Steel tower			Timken
								0.66	50/50	50/50 Wood pole		_	Research
	Millbrook Park-Siloam (KP)	69	90	92	108	69	138	1.70	100/100	Steel tower		-	
KQ16	Steriing-Teledyne #2	61	61	98	88	34.5	138	0.91	90/20	50/50 Wood pole		-	
<u> </u>	West Fremont-Lemoyne (TE)	149	188	189	218	138	138	14.20	100/100 Wood	Wood		-	
_								4.84	100/100 Steel	Steel		-	
			138 KV F/	4CiLITIES ≀	KV FACILITIES GRANTED POWER SITING CERTIFICATE	OWER SITIN	AG CERTII	FICATE					
P-17 Fe	Fostoria Central-Upper Sandusky					138	138	22.70	100/80	100/80 Wood pole		-	ž
	Veiller						1						Constructed
:				FACILIT	FACILITIES UNDER CONSTRUCTION	CONSTRUC	NOIL						
۵	Don Marquis-N. Portsmouth	185	202	222	229	138	138	17.04	100/100	100/100 Wood pole		-	Wakefield
						`		39.	100/100	00/100 Steel pole		-	S. Lucasville
Circo	Hamilton Koad-G.O. Emanol	202	28	258	320	138	138	0.25	7070	70/70 Steel pole	-	-	G.O. Ethanol

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Substation	Type Distribution (D)	Voltage(s)	Line Association	n	Line Existing or
Name	Transmission (T)	kV	(FE3-T7 or FE3-T9 No		Proposed
Orange	T	765	Marysville-Orange	6224	E
Orango	'	765	Kammer-Orange	6223	Ė
		138	Hyatt-Orange #1	6226	Ē
İ		138	Hyatt-Orange #2	6227	Ē
	<u> </u>	138	Orange-Polaris	6225	Ē
		138	Orange-Genoa	6228	Ē
Beatty	Т Т	345	Greene-Beatty	345-6	E
Deally	'	345 345	Beatty-Bixby	345-31	E E
		345 345	Stuart-Beatty	345-42	
		345 345	Beatty-Hayden	345-32	E
		138	Beatty-Wilson	138-21	Ē
]		Beatty-Fisher-Wilson	5281	Ē
		138	Beatty-Canal	138-53	E
	1	138	Harrison-Beatty	138-57	_
		138	Beatty-McComb		E E
D = elektroni		138		138-60 345-1	E
Beckjord	T	345	Beckjord-Pierce		
Bixby	1	345	Don Marquis-Bixby	345-7	E
	1	345	Beatty-Bixby	345-31	E
		345	Conesville-Bixby	345-43	Ę
		345	Bixby-Kirk	8312	E
		138	Walnut-Bixby	138-6	E E
	1	138	Bixby-W. Lancaster (OP)	138-11	
		138	Bixby-LS II	138-150	E E E
		138	Bixby-Astor	138-19	<u>E</u>
		138	Bixby-Buckeye Steel	138-32	E
		138	Bixby-Groves #1	658	Ē
		138	Bixby-Groves #2	2331	<u> </u>
Conesviile	T	345	Conesville-Bixby	345-43	E
		345	Conesville-Corridor	345-34	Ę
		345	Conesville-Hyatt	345-40	E E E
		138	Conesville-Trent	138-43	\ <u>=</u>
		138	Conesville-Ohio Central	138-55	<u>E</u>
		138	Conesville-Newark Ctr.	2322	
Corridor	T	345	Kirk-Corridor	8313	E
		345	Hyatt-Corridor	345-39	<u>E</u>
		345	Corridor-Conesville	345-34	ĺ <u>E</u>
		138	Corridor-Morse	138-38	<u>E</u>
		138	Corridor-Blendon	138-50	E E E
	1	138	Corridor-Gahanna	138-83	l E
		138	Corridor-Genoa	138-82	
Don Marquis	T	345	Don Marquis-Bixby	345-7	E
		345	Killen-Don Marquis	345-49	E
Foster	T	345	Pierce-Foster	345-2	E
		345	Stuart-Foster	345-11	[E
		345	Foster-Sugarcreek	345-24	<u> </u>
Greene	T	345	Sugarcreek-Greene	345-3	E
		345	Greene-Beatty	345-6	E
	<u> </u>	345	Stuart-Greene	345-9	E E
Hayden	T	345	Beatty-Hayden	345-32	E
• ·	·]	345	Hayden-Hyatt	345-37	İΕ
		345	Hayden-Roberts	345-38	E

Substation	Type Distribution (D)	Voltage(s)	Line Association		Line Existing or
Name	Transmission (T)	voitage(s)	(FE3-T7 or FE3-T9 No		Proposed
Hyatt	Transmission (1)	345	Hyatt-Hyatt (OP) #1 and #2		E
i iyatt	'	345	Hyatt-Corridor	345-39	Ē
li di di di di di di di di di di di di di		345	Hyatt-Hayden	345-37	E
		345	Hyatt-Conesville	345-40	Ē
		138	Hyatt-Sawmill	138-35	<u> </u>
		138	Hyatt-Delaware	138-52) =
	1	138	Hyatt-Orange #1	6226	E
		138	Hyatt-Orange #2	6227	Ė
		138	Hyatt-Huntley	138-68	Ē
		138	Hyatt-Sawmill	645	P
Kirk	T	345	Kirk-Bixby	8312	E
	'	345	Kirk-Corridor	8313	
		345	Kirk-West Millersport	8311	ļ • <u>Ē</u>
		138	Kirk-East Broad	138-39	Ē
		138	Kirk-East Broad	138-40	.E E E
		138	Kirk-Newark Ctr.	2276	E
	1	138	Kirk-W. Millersport (OP)	138-85	Ē
Pierce		345	Beckjord-Pierce	345-1	E
		345	Pierce-Foster	345-2	E
Roberts	T	345	Hayden-Roberts	345-38	E
		138	Roberts-Bethel	138-1	E
		138	Roberts-Kenny	138-2	E E E
		138	Wilson-Roberts	138-31	Ē
		138	Roberts-Bethel	138-3	E
1		138	Roberts-Fisher	5282	E
Stuart	T	345	Stuart-Greene	345-9	Е
		345	Stuart-Killen	345-10	E.
1		345	Stuart-Foster	345-11	E
		345	Stuart-Zimmer	345-41)
		345	Stuart-Beatty	345-42	E
·		69	Stuart-Seaman	69-7	E
Zimmer	T	345	Zimmer-Red Bank	345-45	E
		345	Zimmer-Port Union	345-44	E
<u> </u>	·	345	Stuart-Zimmer	345-41	E
Adams	_ <u>T</u> _	138	Waverly-Seaman	138-24	E
Addison	T	138	Lick-Addison-Spom (OP)	138-69	E
	<u>-</u>	69	Addison-Haners	69-72	E
Astor	Ď	138	Bixby-Astor	138-19	E
		138	East Broad-Astor	138-56	E
Berkshire	D T	138	Trent-Delaware	138-44	E
Bethel	T	138	Bethel-Roberts	138-1	E
		138	Bethel-Roberts	138-3	E
		138	Bethel-Linworth	138-4	E
	_	138	Bethel-Sawmill	138-72	E
Bexley	T	138	Groves-Bexley	138-8	E
		138	Bexley-St. Clair	138-9	E
		138	Bexley-Yearling	FD80	E
Blacklick	D	138	Gahanna-E. Broad	138-34	E
Blendon	D	138	Corridor-Morse	138-37	E
Bolins Mills	D	138	Poston-Lick	138-26	Е
Brookside	D	138	Bethel-Sawmill	138-72	E

Substation	Type Distribution (D)	Voltage(s)	Line Association		Line Existing or
<u>Name</u>	Transmission (T)	kV	(FE3-T7 or FE3-T9 No	tation)	Proposed
Buckeye Steel	D	138	Bixby-Buckeye Steel	138-32	E
		138	Buckeye Steel-Gay	138-66	E
Canal	D	138	Marion-Canal	138-16	E
		138	Mound-Canal	138-41	E
		138	Beatty-Canal	138-53	E
Circleville	Т	138	Circleville-Harrison	138-14	E
l	<u> </u>	138	Circleville_Scippa	138-25	E
City of Columbus	D	138	Vine-City of Columbus (E)	138-92	E
		138	Vine-City of Columbus (W)	138-98	E_
Clinton	D	138	St. Clair-Clinton	138-17	E
•		138	Morse-Clinton-Huntley	138-48	E
		138	Clinton-OSU	138-102	E
		138	Clinton-Karl	2762	E
	<u> </u>	138	Clinton-Kenny	2761	E
Corwin	D	138	Poston-Lick	138-26	E
Davidson	D	138	Roberts-Bethel	138-3	Ε
		138	Davidson-Dublin	C791	E
Dublin	D	138	Davidson-Dublin	C791	E
		138	Dublin-Sawmill	C710	E
Delano	D	138	Ross-Delano	138-13	Е
	1	138	Scioto Trail-Delano	138-71	E
Delaware	T	138	Trent-Delaware	138-44	E
		138	Hyatt-Delaware	138-52	E
DuPont	T	138	Scioto Trail-Circleville	138-25	E
East Broad	T	138	East Broad-Gahanna	138-34	E
		138	Kirk-East Broad	138-39	E
		138	Kirk-East Broad	138-40	E E E
		138	East Broad-Astor	138-56	E
		138	East Broad-Yearling	FC80	<u> </u>
Elliott	T	138	Poston-Elliott/Dexter (OP)	138-67	E
Fifth Avenue	D	138	Wilson-Hess	138-30	E
Fisher	D	138	Fisher-Roberts	5282	E
		138	Beatty-Fisher-Wilson	5281	<u>E</u>
Gahanna	D	138	East Broad-Gahanna	138-34	E
		138	Gahanna-Corridor	138-83	E
		138	Gahanna-Hap Cremean	138-36	E
Gay	D	138	Gay-Vîne	138-33	E
		138	Buckeye Steel-Gay	138-66	E
		138	McComb-Gay	138-78	E
Genoa	Т	138	Morse-Karl-Genoa	138-28	E E E
		138	Genoa-Polaris	4702	E E E
		138	Genoa-Orange	6228) E
		138	Genoa-Corridor	138-82	<u> </u>
Groves	Τ	138	Groves-Bexley	138-8	
		138	Bixby-Astor	138-19	ľΕ
		138	Bixby-Groves #1	658	E
	<u> </u>	138	Bixby-Groves #2	2331	E
Hall Road	D_	138	Wilson-Beatty	138-22	E

Substation	Type Distribution (D)	Voltage(s)	Line Association		Line Existing or
Name	Transmission (T)	- ' '	(FE3-T7 or FE3-T9 No		Proposed
Harrison	Transmission (1)	138	Picway-Harrison	138-5	E
namson	'	138	Circleville-Harrison	138-14	
]		Harrison-Marion	138-18	E
		138	Poston-Harrison	138-20	E
		138 138		138-57	E
			Harrison-Beatty Harrison-South Central	138-58	E
11		138		138-29	E .
Hess	D	138	OSU-Hess		E
		138	Hess-Wilson	138-30	E
1.6. (1.	-	138	Hess-Vine	138-88	E
Huntley	Ť	138	Morse-Clinton-Huntley	138-48	
		138	Huntley-Linworth	138-62	E
14 11 2 2 2 2		138	Hyatt-Huntley	138-68_	<u>E</u>
Italian Village	D (cust.)	138	St. Clair-Vine	138-99	E
Karl	D	138	Morse-Karl-Genoa	138-28	E
		138	Karl-Clinton	138-47	E
Kenny	D	138	Roberts-Kenny	138-2	Ē
		138	Kenny-Clinton	138-47	E
Lick	T	138	Poston-Lick	138-26	E
		138	Lick-Waverly	138-27	E
		138	Lick-Addison-Sporn (OP)	138-69	E
Linworth	D	138	Bethel-Linworth	138 -4	E
		138	Huntley-Linworth	138-62	E
LSII	D	138	LS II-Bixby	138-10	E
		138	LS II-Marion	138-15	<u> </u>
Marion	T	138	LS II-Marion	138-15	E
		138	Marion-Canal	138-16	E
		138	Harrison-Marion	138-18	E
McComb	T	138	Beatty-McComb	138-60	E
		138	McComb-Gay	138-78	<u> </u>
Mifflin	D	138	Steizer-St. Clair	138-46	E
Morse	D	138	Morse-Karl-Genoa	138-28	E
		138	Morse-Hap Cremean	7732	E
		138	Blendon-Morse	138-37	E
	1	138	Corridor-Morse	138-38	E
		138	Morse-Stelzer	138-61	E
		138	Morse-Clinton-Huntley	138-48	E
Mound	D	138	Mound-Canal	138-41	E
	l	138	St. Clair-Mound	138-75	E
Mulberry	D	138	Mulberry-Ross	138-79	E
		138	Mulberry-Waverly	138-7	E
Obetz	D	138	Harrison-Marion	138-18	E
OSU	ā	138	OSU-Hess	138-29	E
]	138	Clinton-OSU	138-102	E
Picway	T	138	Picway-Harrison	138-5	E
Pickerington Road	d	138	Bixby-W. Lancaster (OP)	138-11	E
Polaris	D D	138	Orange-Polaris	6225	E

Substation	Type Distribution (D)	Voltage(s)	Line Association		Line Existing or
Name	Transmission (T)	kV	(FE3-T7 or FE3-T9 No		Proposed
Poston	T	138	Poston-Ross	138-12	<u>E</u>
	1	138	Poston-Harrison	138-20	E
		138	Poston-Lick	138-26	E
		138	Poston-Strouds Run/ Crooksville (OP)	138-51	E
		138	Poston-Elliott/Dexter (OP)	138-67	E
		138	Poston-Hocking (OP)	10098	E
Rio	D	138	Lick-Addison-Sporn (OP)	138-69	E
Ross	T	138	Poston-Ross	138-12	E
		138	Ross-Delano	138-13	l E
		138	Ross-Mulberry	138-79	E. E
Sargents	Т	138	Waverly-Sargents (OVEC)	138-23	Ē
Sawmill		138	Hyatt-Sawmill	645	Ē
	'	69	Dublin-Sawmill	138-63	ĺĒ
		138	Sawmill-Bethel	138-72	Ė
Scioto Trail	D	138	Scioto Trait-Delano	138-72	E
COULT HAII	'		Scioto Trail-Scippo	138-70	Ē
Sainna		138			
Scippo	D	138	Scippo-Circleville	138-25	E
	1	138	Scippo-Scioto Trail	138-70	E
		138	Scippo-Hargus	138-74	E
Seaman	Т	69	Stuart-Seaman	138-59	E
		138	Seaman-Waverly	138-24	E
		69	Seaman-Highland	138-73	E
Shannon	D	138	Bixby-Astor-Groves	138-19	E
St. Clair	D	138	Bexley-St. Clair	138-9	E
		138	St. Clair-Clinton	138-17	E
		138	St. Clair-Mound	138-75	l E
		138	St. Clair-Vine	138-99	Ē
		138	St. Clair-Stelzer	138-46	E E
Stelzer	D	138	Stelzer-Morse	138-61	Ē
		138	Stelzer-St. Clair	138-46	Ē
Strouds Run	T	138	Poston-Strouds Run/ Crooksville (OP)	138-51	Ē
Toylor	 	120	Kirk-E. Broad	138-39	
Taylor Trabue	D D	138			E
		138	Roberts-Wilson	2102	E
Trent	D	138	Conesville-Trent	138-53	E
· · · · · · · · · · · · · · · · · · ·		138	Trent-Delaware	138-44	<u>E</u>
Vine	D	138	Gay-Vine	138-33	ļ <u>Ē</u>
		138	Hess-Vine	138-88	E
	ĺ	138	Vine-City of Columbus (E)	138-92	E
		138	Vine-City of Columbus (W)	138-98	E
		138	Vine-St. Clair	138-99	€ .
Walnut	ΤΤ	138	Walnut-Bixby	138-6	E
Waterloo	D	138	Poston-Lick	138-26	E
Waverly	Т	138	Waverly-Sargents	138-23	E
-		138	Waverly-Seaman	138-24	l E
		138	Waverly-Lick	138-27	E
		138	Waverly-Mulberry	138-77	Ē
Wilson	T	138	Beatty-Wilson	138-21	Ē
11,10011	'	138	Wilson-Hess	138-30	E
	1	138	Wilson-Roberts	138-31	Ē

Substation Name	Type Distribution (D) Transmission (T)	Voltage(s) kV	Line Associa (FE3-T7 or FE3-T9		Line Existing or Proposed
Yearling	D	138 138	Yearling-E. Broad Yearling-Bexley	FC80 FD80	E E
Zuber	D	138	Beatty-Harrison	138-57	E
Kimberly	D	138	Kimberly Extension	C795	E
White Road	D	138	Beatty - Canel	138-53	E

	Type		1		Line
Substation	Distribution (D)	Voltage(s)	Line Association		Existing or
Name	Transmission (Ť)	kV '	(FE3-T7 or FE3-T9 Notation	on)	Proposed
Don Marguis	T	765	Don Marquis-Hanging Rock	543	E
4		345	Don Marquis-X530 (DOE)	560	E
		345	Don Marquis-X533 (DOE)	561	
		345	Don Marquis-Killen (DP&L)	345-49	l Ē
		345	Don Marquis-Bixby (CS)	345-7	E E E
Flatlick	Т	765	Flatlick-Gavin	8314	E
		765	Flatlick-Marysville	8315	
Gavin	Т Т	765	Gavin-Flatlick	8314	F
	•	765	Gavin-Mountaineer (AP)	BV20	ÌË
		765	Gavin-Culloden (AP)	BV40	=
		138	Gavin-Sporn #1	FV36	\
		138	Gavin-Spom #2	FV38	ĺĘ
		138	Gavin-Millbrook	FE91	=
i		138	Gavin-N. Proctorville	FE92	
Hanging Rock	Т	765	Hanging Rock-Amos (AP)	BV25	E E E E E
rianging rook	1	765	Hanging Rock-Baker (KP)	BW35	=
		765	Hanging Rock-Jefferson (I&M)	BX50	
		765 765	Hanging Rock-Don Marquis	543	E E E
Marysville	Т Т	765	Marysville-Dumont (I&M)	BX31	E
IVIAI YSVIIIE	'	765	Marysville-Orange	6224	
		765	Marysville-Flatfick	8315	
		345	Marysville-Hyatt #2	DH74	(<u>=</u>
		345	Marysville-Southwest Lima	DM05	
		345	Marysville-E. Lima	DE65	
		345	Marysville-Tangy (OE)	DA52	
N Proctorville	 	765	Hanging Rock-Amos (AP)	BV25	E E E E
IN PROCIOIVIIIE	1	138	N Proctorville-Darrah (AP)	EV28	E
			N Proctorville-E Huntington (AP)	FV34	
		138 138	N Proctorville-Bellefonte (KP)	FJ45	
		138	N Proctorville-Bellefonte (KP)	FW45	
			IN Proctorville-Gavin		
C Canton	7	138		FE92 BM25	E E E E
S Canton	I	765	S Canton-Kammer	!	
		345	S Canton-Star (OE)	DA45	E
		345	S Canton-Sammis (OE)	DA50	
		345	S Canton-Canton Central #1	DC80	E E
		345	S Canton-Canton Central #2	DC81	
		138	S Canton-Timken (Richville)	FK93]
		138	S Canton-Philo	FK13	
		138	S Canton-E Wooster	FE69	
		138	S Canton-SE Canton	FK84]
		138	S Canton-Wayview	FK87	
		138	S Canton-N. Intertie	2003	ļ <u> </u>
Davidi		138	S Canton-Torrey	FK95	E E E E E
Beverly	T	345	Beverly-Muskingum	7791	
	<u> </u>	345	Beverly-Tidd	8811	(<u>E</u>

	Type	[Line
Substation	Distribution (D)	Voltage(s)	Line Association		Existing or
Name	Transmission (T)	kV	(FE3-T7 or FE3-T9 Notation	m	Proposed
Canton Central	T	345	Canton Central-Tidd	DC63	E
Carnon Contra	,	345	Canton Central-Hanna (OE)	DA01	ļĒ
		345	Canton Central-S Canton #1	DC80	Ē
		345	Canton Central-S Canton #2	DC81	
		138	Canton Central-SE Canton	FC60	E E E E
		138	Canton Central-Bluebell (OE)	FA00	
		138	Canton Central-Wagenhals #1	FC70	
		138	Canton Central-Wagenhals #2	FC71	
		138	Canton Central-Cloverdale (OE)	FA03	
R P Mone	Т Т	345	R P Mone-E. Lima	7613	E
IX I MOILE	'	345	R P Mone-Robison Park (I&M)	7616	Ē
E Lima	Ť	345	E Lima-Fostoria Central	DE40	E
L Lima	l I	345 345		DE65	
	•	345 345	E Lima-Marysville E Lima-R P Mone	7613	E E E
			E Lima-R P Mone	DE60	
		345		4881	
		138 138	E Lima-E Leipsic	FD20	Ē
			E Lima-Ford E Lima-Haviland	FD40	E
		138		FD62	
		138	E Lima-New Liberty	FD62	E
		138	E Lima-Rockhill		E E E
		138	E Lima-S Kenton	FD90	
		138	E Lima-Sterling	FD98	
		138	E Lima-N Findlay	FD64	E
Factoria Cartesi		138	E Lima-W Lima	FE20	
Fostoria Central	Ţ	345	Fostoria Central-Galion (OE)	DA13	E
		345	Fostoria Central-Lemoyne (TE)	DA15	E
		345	Fostoria Central-Bayshore (TE)	DA22	E E E
		345	Fostoria Central-E Lima	DE40	
	1	138	Fostoria Central-West End	FE77]
		138	Fostoria Central-New Liberty	FE73	
		138	Fostoria Central-Buckley Road	FC34	E E
 		138	Fostoria Central-Greenlawn-	FE75]
		400	Howard		_
	 	138	Fostoria Central-N Findlay	FE74	<u>E</u>
Hyatt	Т	345	Hyatt-West Millersport	DH75	E
		345	Hyatt-Marysville #2	DH74	E
		345	Hyatt-Hyatt (CS) #1 and #2	D 4 E 4	
	 	345	Hyatt-Tangy (OE)	DA51	E
Muskingum	Т	345	Muskingum-Galion (OE)	DA18	E
		345	Muskingum-Kammer	DM41	E
		345	Muskingum-Beverly	7791	E
		345	Muskingum-W Millersport #1	DM90	Ē
		345	Muskingum-W Millersport #2	DM95	<u>E</u>
		345	Muskingum-Waterford	8011	E E E
		138	Muskingum-Crooksville	FC85) <u>E</u> j
		138	Muskingum-W Cambridge	FG84	<u>E</u>
		138	Muskingum-Summerfield	FG80	E
		138	Muskingum-Natrium (WP)	FY70	<u>E</u>
		138	Muskingum-Corner (MP)	FA07	<u> </u> E

Substation Name	Type Distribution (D) Transmission (T)	Voltage(s) kV	Line Association (FE3-T7 or FE3-T9 Notati	on)	Line Existing or Proposed
Ohio Central	T	345	Muskingum-Galion (OE)	DA18	E
		138	Ohio Central-N Newark	FH80	
	}	138	Ohio Central-Philo	FJ65	} =
		138	Ohio Central-S Coshocton	FJ59	E E E
		138	Ohio Central-Wooster	FJ61	=
		138	Ohio Central-Zanesville	FJ62	
	1			FC06	E E
		138	Ohio Central Consulting (CS)	F155	E
C Descripto		138	Ohio Central-Conesville (CS)		<u> </u>
S Berwick	<u> </u>	345	Fostoria Central-Galion (OE)	DA13	E
SE Canton	T	345	S Canton-Canton Central #1	DC80	E
	1	138	SE Canton-Sunnyside	FL06	<u>E</u>
	-	138	SE Canton-South Canton	FK84	<u> </u>
		138	SE Canton-Timken	FL07	E E E
		138	SE Canton-Canton Central	FC60	<u> </u>
SW Lima	Т	345	SW Lima-Miami (DP&L)	DA28	E
		345	SW Lima-E Lima	DE60	E
	1	345	SW Lima-Marysville	DM05	l E
		138	SW Lima-Ordnance Jct.	FJ75	E
	1	138	SW Lima-W Lima	FL35	∤ E
		138	SW Lima-W Moulton	FL30	
Tidd	T	345	Tidd-Collier (DL)	DA05	E
		345	Tidd-Canton Central	DC63	E
		345	Tidd-Wylie Ridge (MP)	DA65	E
		345	Tidd-Kammer	DM42	E
		345	Tidd-Beverly	8811	E
		138	Tidd-Weirton (MP) #2	FA50	ÌΕ
	1	138	Tidd-Weirton (MP) #1	FA49	ļE
		138	Tidd-Steubenville	FL45	ÌΕ
		138	Tidd-Wagenhals	FN00	l Ē
		138	Tidd-Wheeling Steel 1	FN40	E
		138	Tidd-Wheeling Steel 2	FN41	
		138	Tidd-Kammer-Brues (WP)	FY60	E E
		138	Tidd-George Washington (WP)	FY40	Ē
		138	Tidd-Carrollton	FC65	Ē
		138	Tidd-Satralloy	FM80	E
Waterford	T	345	Waterford-Muskingum	8011	E
	· ·	345	Waterford-Sporn (AP)	8433	Ē
W Bellaire	T	345	Kammer-Tidd	DM42	Ē.
TT DONAII O	· '	138	W Bellaire-Kammer	FF87	
		138	W Bellaire-Brues	FY10	
		138	W Bellaire-Windsor (MP)	FY00	F
W Millersport	 	345	W Millersport-Muskingum #1	DM90	E E E
TT MINIOTOPOLE	'	345	W Millersport-Muskingum #2	DM95	
	1	345	W Millersport-Hyatt	DH75	
	1	345	W Millersport-Kirk	598	
		138	W Millersport-Kirk	8311	E E E E
	ł			FJ22	
		138	W Millersport Hooth]
		138	W Millersport W Langester	FE88	
		138	W Millersport N Esisfeld (BD)	FP80	
	1	138	W Millersport Kisk (CS)	FH66	E
		138	W Millersport-Kirk (CS)	F185	E _

	Type	<u></u>	Γ		Line
Substation	Distribution (D)	Voltage(s) kV	Line Association (FE3-T7 or FE3-T9 Notation)		Existing or
Name	Transmission (T)				Proposed
Academia	T	138	Academia-Ohio Central	FC06	E
/ Cadellia	'	138	Academia-West Mt. Vernon	FC07	Ē
1		138	Academia-Howard	FC05	Ē
Apple Creek	D	138	E Wooster-S Canton	FE69	E
Apple Valley	D	138	Academia-Howard	FC05	Ē
Ball Hollow	D	138	Muskingum-Natrium	FY70	Ē
Baseline (PPEC)	D	138	E Lima-E Leipsic	4881	E.
Belden Village	D	138	Wayview-West Canton	FP65	E
Bladensburg	<u>D</u>	138	Howard-Philo	FF20	E E
BOC Gas	<u> </u>	138	West End-Howard	FF40	E
Bolivar	۵	138	S Canton-W New Philadelphia	FK90	Ē
Bridgeville	<u> </u>	138	Philo-S Canton	FK13	Ē
Broadacre	D	138	Tidd-Wagenhals	FN00	E
Buckley Road		138	Buckley RdFostoria Central	FC34	E
Bucyrus Center		138	Bucyrus CtrHoward	FC40	E
Caldwell	 	138	Muskingum-Natrium (WP)	FY70	E
Campbell Road	<u>'</u>	138	E Lima-E Leipsic	4881	E
Campbell Road	<u> </u>		E Wooster-S Canton	FE69	E E
Carroliton	D	138 138	Carroliton-Sunnyside	FC64	E E
Carrollion	"		Carrollton-Tidd	FC65	E
Central	<u> </u>	138 138	Central Portsmouth-N	FC72	E E
Portsmouth	· '	138	Portsmouth	FUIZ	E
Chatfield	7	138	West End-Howard	FF40	E
Conesville	<u> </u>	138	Conesville Prep. Plant Tap	F153	Ē
Prep. Plant		136	Conesvine Frep. Flant Tap	100	
Crooksville	T	138	Crooksville-N Newark	FC76	E
CIOOKSVIIIE	1	138	Crooksville-S Lancaster	FD08	Ē
		138	Crooksville-Muskingum	FC85	E
		138	Crooksville-Poston/Strouds	F151	Ē
		130	Run (CS)	. 10.	_
Dexter	Ť	138	Dexter-Sporn	FV33	E
BOXIO	'	138	Dexter-Poston/Elliott (CS)	F167	Ē
Dogwood Ridge	D	138	E Wheelersburg-Millbrook Park	FE60	Ē
E Amsterdam	T	138	Tidd-Wagenhals	FN00	Ē
C / tillotor dall	· •	69	E Amsterdam-Carroll Co-op	HG42	ľĒ
E Beaver	T	138	Waverly (CSP)-Lick (CSP)	138-27	Ē
E Leipsic	†	138	E Leipsic-E Lima	4881	E
	'	138	E Leipsic-Richland (TE)	4883	Ē
E Liverpool	T	138	E Liverpool-Wylie Ridge (MP)	FA10	Ē
E New Concord	Ď	138	Muskingum-W Cambridge	FG84	E
E Point	D	138	Ohio Central-Philo	FJ65	E
E Proctorville	D	138	Bellefonte (KP)-N Proctorville	FV10	E
E Wheelersburg	Ť	138	E Wheelersburg-Millbrook Park	FE63	E
	1	138	E Wheelersburg-Bellefonte (KP)	FW40	l Ē
		138	E Wheelersburg-Texas Eastern	FE63	ĪĒ
E Wooster	Т	138	E Wooster-Wooster	FE68	E
	,	138	E Wooster-S Canton	FE69	ĺĒ
		138	E Wooster-Cloverdale (OE)	FA04	l Ē
E Zanesville	T	138	Ohio Central-Philo	FJ65	E E E E
Eastown Road	Ď	138	Rockhill-W Lima	FK83	E
Emerald	D	138	Hillsboro-Maysville (KU)	FA21	E
	····	<u> </u>			

Substation	Type Distribution (D)	Voltage(s)			Line Existing or					
<u>Name</u>	Transmission (T)	kV	(FE3-T7 or FE3-T9 Notation		Proposed					
Faircrest	<u>D</u>	138	S Canton-SE Canton	FK84	<u> </u>					
Findlay Center	<u>T</u>	138	New Liberty-Fostoria Central	FE73	E					
Fremont	, ,	138	Fremont Center-W. Fremont (TE)	FA80a	E					
Fremont Center	 	69	Fremont-City of Clyde	HA02 FA80	Ē					
Fremont Center	1	138	Fremont Center-Lemoyne (TE) Fremont Center-Tiffin Center	FE83	E					
Frazeysburg	D -	138 138	Ohio Central-North Newark	FH80	E					
Fulton	D	138	W Mt. Vernon-S Kenton	FL00	E					
Greenlawn	 	138	Fostoria CtlHoward-Greenlawn	FE75	E					
Gieeliiawti	1	138	Greenlawn-Tiffin Center	FE85	E					
Hanging Rock	 	138	Bellefonte (KP)-E Wheelersburg	FW40	E					
Haviland	 	138		land-E Lima FD40						
l lavilallu	,	138	Haviland-Milan (I&M)	E						
Heath	 	138	W Millersport-N Newark	FX30 FJ23	<u>Е</u> Е					
Hedding Road	† 	138 138	W Mt. Vernon-S Kenton	FJ00	E					
Hilisboro	 	138	Hillsboro-O.H.Hutchings	FA20	E					
i illiaboro	,	138	Hillsboro-Millbrook Park (DP&L)	FE90	Ē					
•		138	Hillsboro-Maysville (KU)	FA21	Ē					
Hillview	D	138	Newcomerstown-W New	FH45	Ē					
		1 100	Philadelphia		i -					
Hocking	τ	138	Hocking-Poston (CSP)	10098	E					
	,	'00	Hocking-W. Lancaster	10217	ΙĒ					
Howard	T	138	Howard-Academia	FC05	<u>E</u>					
- 1		138	Howard-Greenlawn-Fostoria Central	FE75	E					
		138	Howard-Philo	FF20	E					
		138	Howard-West End	FF40	E					
	}	138	Howard-Bucyrus Center	FC40	E					
		138	Howard-Brookside (OE)	FA25	E E E					
		138	Howard-Shelby	FA26_	<u> </u>					
Lockwood Road	T	138	Lockwood Road-Richland (TE)	FA27	 					
		138	Lockwood Road-Robison Park (I&M)	FX65	E					
Lynn	<u>D</u>	138 138	E Lima-S. Kenton	FD90	E					
Malvern	T		Tidd-Wagenhals	FN00	E					
Meigs No. 1	D	138	Dexter-Sporn	FV33	E					
Meigs No. 2	D	138	Poston (CS)-Dexter	F167	E					
Miles Avenue	D	138	Torrey-W Canton	FN80	E					
Millbrook Park	T	138	Millbrook Park-E Wheelersburg	FE60	E					
		138	Millbrook Park-Hillsboro	FE90	<u>E</u>					
1		138	Millbrook Park-S Point	FG00	l E					
		138	Millbrook Park-Gavin	FE91	<u>E</u>					
		138	Millbrook Park-N Portsmouth	FG05	E E E					
	İ	138	Millbrook Park-W.T. Love	FA31	Į E					
	1	-	(Hamilton)	LIMEO	-					
]	69	Millbrook Park-Siloam (KP)	HW50 HI82	E					
Millwood	 	69	Millbrook Park-Pedro (CS) Howard-Philo	FF20	E					
New Liberty	D	138								
Mew Finelth	1	138	New Liberty-E Lima	FD62	E E					
		138	New Liberty-Fostoria Central	FE73	I 5					

Substation	Type Distribution (D)	Voltage(s)			Line Existing or
Name	Transmission (T)	kV	(FE3-T7 or FE3-T9 Notation		Proposed
Newark Center	T	138	Newark Center-Conesville (CS)	2281	(<u>E</u>
		138	Newark Center-Kirk (CS)	2276	E
Newcomerstown) T	138	Newcomerstown-W Cambridge	FH44	E
		138	Newcomerstown-W New Philadelphia	FH45	E
		138	Newcomerstown-S Coshocton	FH20	E
N Bellville	T	138	Howard-North Bellville	12239	E
			North Beliville-Philo SW	12240	E
N Crown City	T	138	N Proctorville-Gavin	FE92	E
N Delphos	T	138	Lincoln (I&M)-Sterling	FX60	E
NE Findlay	Т	138	N Findlay-Fostoria Central	FE74	E
N Findlay	Т	138	N Findlay-E Lima	FD64	E
_		138	N Findlay-Fostoria Central	FE74	E
N Intertie	T	138	N Intertie-W New Philadelphia	5161	Е
		138	N Intertie-S Canton	2003	E
N Lexington	D	138	Academia-Howard	FC05	E
N Muskingum	T	138	Crooksville-Muskingum	FC85	E
N Newark	Т	138	N Newark-Crooksville	FC76	E
		138	N Newark-W Millersport	FJ22	E
		138	N Newark-Ohio Central	FH80	E
		138	N Newark-W Mt. Vernon	FJ40	E
N Portsmouth	Τ	138	N Portsmouth-Millbrook Park	FG05	E
		138	N Portsmouth-Sargents (OVEC)	FA40	E
		138	N Portsmouth-Ctrl. Portsmouth	FC72	E
N Strasburg	D	138	Philo-S Canton	FK13	E
N Waldo T N Woodcock T N Zanesville D NE Canton T NW Lima D		138	W Mt. Vernon-S Kenton	FL00	E
		138	E Lima-N Findlay	FD64	E
		138	Ohio Central-Zanesville	FJ62	E
		138	Wagenhals-W Canton	FP20 FE20	E
		138	E Lima-W Lima		Е
Ordnance Jct.	Т	138	Ordnance Junction-Sterling	FJ74	E
	<u></u>	138	Ordnance Junction-SW Lima	FJ75	E
Philo	Т	138	Philo-S Canton	FK13	E
		138	Philo-Howard	FF20	E
		138	Philo-Ohio Central	FJ65	
B		138	Philo-Zanesville	FK40	<u>E</u>
Powelson	D	138	Ohio Central-Zanesville	FJ62	<u> </u>
Promway	T	138	S Canton-Wayview	FK87	
Reedurban	·	138	Torrey-W Canton	FN80	E
Reform	D	138	Ohio Central-North Newark	FH80	<u> </u>
Rengert		138	W Mt. Vernon-S Kenton	FL00	E
Rising Sun	D T	138	Fostoria Central-Buckley Rd. Rockhill-E Lima	FD80	E
Rockhill	'	138 138	Rockhill-W Lima	FK83	E
	1	138	Rockhill-Ford	FE80	E
Rutland	Т Т	138	Sporn-Dexter	FV33	E
Sharp Road	+ + +	138	N Newark-W Mt. Vernon	FJ40	E
Shawnee Road	T T	138	SW Lima-Ordance Junction	FJ75	E E
Sinking Springs	D	138	Hillsboro-Millbrook Park	FE90	E
Somerton	T T	138	Muskingum-Natrium (WP)	FY70	E E
S Baltimore	 	138	W Lancaster-W Millersport	FP80	E
S Cadiz	 	138	Tidd-Carrollton	FL65	<u></u> -
O CAUIZ	I	130	Trous Carrotton	LOO	

Substation	Type Distribution (D)	Voltage(s)			Line Existing or
Name	Transmission (T)	kV	(FE3-T7 or FE3-T9 Notat		Proposed
S Caldwell	<u> </u>	138	Muskingum-Summerfield	FG80	E
S Coshocton	T	138	S Coshocton-Newcomerstown	FH20	E
	<u> </u>	138	S Coshocton-Ohio Central	FJ59	E
S Cumberland	<u>T</u>	138	Muskingum-Summerfield	FG80	E
S Hicksville	T	138	Robison Park (I&M)-Lockwood Road	FX65 FD90	E
S Kenton	T	138	S Kenton-E Lima	E	
		138	S Kenton-W Mt. Vernon	FL00	E
S Lancaster	Ţ	138	S Lancaster-W Lancaster	FL09	E
 ·		138	S Lancaster-Crooksville	FD08 FJ61	<u>E</u>
S Millersburg	T	138	Ohio Central-Wooster	E	
S Point	T	138	S Point-Millbrook Park	FG00	E
		138	S Point-N Proctorville	FJ45	E
		138	S Point-Sporn	FV60	E
		138	S Point-Tri-State (AP)	FV75	E
S Tiffin	T	138	West End-Howard	FF40 FA51	E
S Toronto	Т	138	S Toronto-Weirton (MP)		E
Sterling	T	138	Sterling-E Lima	FD98	E
		138	Sterling-Ordnance Junction	FJ74	E
		138	Sterling-Lincoln (I&M)	FX60 KQ16	E
		34 138 138 138	Sterling-Teledyne #2	E	
Steubenville	T		Steubenville-Tidd	FL45	<u> </u>
Sugar Creek	T		Philo-S Canton	FK13	E
Sulfur Springs	D		Howard-Bucyrus Center	FC40	<u>E</u>
Summerfield	T	138	Summerfield-Muskingum	FG80	E
		138	Summerfield-Texas Eastern (Berne)	FL50	E
		138	Summerfield-Natrium (WP)	FY80	<u> </u>
Sunnyhill #9 Mine	T 	138	Crooksville-Poston/Strouds Run (CS)	F151	E
Sunnyside T		138	Sunnyside-SE Canton	FL06	E
		138	Sunnyside-Torrey	FL80	E
SwitzerT		138	Sunnyside-Wagenhals	FM00	E
		138	Sunnyside-Carrollton	FC64	<u> </u>
		138	Natrium (WP)-Summerfield	FY80	
Thayer Road	D	138	E Lima-Sterling	FD98	E
Tiffin Center	T	138	Tiffin Center-Fremont Center	FE83	E
 -		138	Tiffin Center-Greenlawn	FE85	E
Tiltonsville	<u>T</u>	138	W. Bellaire-Windsor (MP)	FY00	E
Timken	Т	138	Timken-SE Canton	FL07	E
		138	Timken-Timken (Richville)	FN44	E
Torrey	Т	138	Torrey-W Canton	FN80	E
		138	Torrey-Sunnyside	FL80	E
		138	Torrey-Cloverdale (OE)	FA60	E
		138	Torrey-S Canton	_FK95	E

Substation	Type Distribution (D)	Voltage(s)			Line Existing or
Name	Transmission (T)	kV	(FE3 <u>-T7</u> or FE3-T9 Notation	on)	Proposed
Wagenhals	T	138	Wagenhals-Republic Steel #1	FP55	E
		138	Wagenhals-Republic Steel #2	FP56	E
		138	Wagenhals-W Canton #1	FP20	E
	1	138	Wagenhals-Sunnyside	FM00	E
	1	138	Wagenhals-Canton Ctrl. #1	FC70	E
	1	138	Wagenhals-Canton Ctrl. #2	FC71	E
		138	Wagenhals-Tidd	FN00_	E
Wakefield	T	138	N Portsmouth-Sargents (OVEC)	FA40	E E E E
Wayview	T	138	Wayview-S Canton	FK87	
	}	138	Wayview-W Canton	FP65	E
		69	Wayview-Hoover North	HM99	E E
W Cambridge	T	138	W Cambridge-Muskingum	FG84	Е
		138	W Cambridge-Newcomerstown	FH44	E
W Canton	T	138	W Canton-S Akron (OE)	FA70	E E E E
		138	W Canton-Torrey	FN80	E
	J	J 138	W Canton-Wagenhals #1	FP20	E
		138	W Canton-Wayview	FP65	<u> </u>
W Coshocton	<u>T</u>	138	Ohio Central-Wooster	FJ61	
W Dover	Т	138	Philo-S Canton	FK13	E
W End	T	138	West End-Fostoria Central	FE77	E
		138	West End-Lemoyne (TE)	FA81	E
		138	West End-Howard	FF40_	E
W Hebron	T	138	W Millersport-Heath	FJ22	E
W Lancaster	T	138	W Lancaster-W Millersport	FP80	E
	į .	138	W Lancaster-S Lancaster	FL09	Ē
		138	W Lancaster-Bixby (CS)	F111	E
		138	W. Lancaster (OP)-Hocking (OP)	10217	E
		138	W Lancaster-Zanesville	FP81	Ē
W Lima T W Millersburg D W Moulton T W Mt. Vernon T		138	W Lima-Rockhill	FK83	E E E E
		138	W Lima-E Lima	FE20	
		138	W Lima-SW Lima	FL35	E
		138	Ohio Central-West Millersburg	12478	E E
			W Millersburg-Wooster	12477	
		138	S Moulton-SW Lima	FL30	E E
		138	W Mt. Vernon-N Newark	FJ40	E
		138	W Mt. Vernon-S Kenton	FL00	E
		138	W Mt. Vernon-Academia	FC07	E
		138	W New Philadelphia-	FH45	E.
Philadelphia		ĺ	Newcomerstown	ĺ	
•		138	N Intertie-W New Philadelphia	5161	E
W Newton	D	138	E Lima-S. Kenton	FD90	E
W Philo	D	138	Philo-W Lancaster	FK30	Ē
W Trinway	D	138	Academia-Ohio Central	FC06	E
Wildcreek	D	138	W Mt. Vernon-S Kenton	FL00	E
Woodlawn	D	138	E Lima-W Lima	FE20	E
Wooster	 	138	Wooster-Ohio Central	FJ61	E
	<u> </u>	138	Wooster-E Wooster	FE68	Ē
Zanesville	Т	138	Zanesville-Philo	FK40	<u>E</u>
· - ·····	•	138	Zanesville-Ohio Central	FJ62	Ē
	1	138	Zanesville-W Lancaster	FP81	Ē

PUCO FORM FE3-T9 COLUMBUS SOUTHERN POWER COMPANY SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

1. LINE NAME AND NUMBER:	Don Marquis Loop #2	Great Bend IGCC 345 kV Extension #1 and #2
2. POINTS OF ORIGIN AND	Don Marquis (Pike County)	Great Bend Station Snorn-Miskinging 345 kV Line (Meles County)
	Calgaria-vavally 100 hv Lind	(Autor) official and the supplier of the suppl
3. RIGHT-OF-WAY:		Two double circuit tower lines; each is
LENGTH/WIDTH/CIRCUITS -	.65 Miles/100'/1	approximately 9 miles long with a right-of-way width of 150 feet
DESIGN/OPERATE	138/138 KV	345 KV
1 1		
5. APPLICATION FOR CERTIFICATE:	Letter of Notification filed in 2006	Application to be filed May 2007
6. CONSTRUCTION:	To be completed by 6/2007	To be completed by September 2010
7. CAPITAL INVESTMENT:	Total project cost \$31 Million (estimated)	Not vet determined
1		
8. PLANNED SUBSTATIONS:		
NAME -	Existing Substations	AEP
TRANS. VOLTAGE -		
ACREAGE -		
LOCATION -		Meigs County
9. SUPPORTING STRUCTURES:	Double circuit steel poles	Steel tower
	4	
10. PARTICIPATION WITH OTHER	OVEC	Ohio Power Company
UTILITIES:		
11. PURPOSE OF THE PLANNED	Support 138 kV system in Southern Ohio	To integrate new generating facility
TRANSMISSION LINE:		
42 CONSECUTIONES OF THE	Ozorodolion of transmission system reliability	lead the same of stomer
	בפקיפות ביום ומונים והיי	manual to do to constitution
OR TERMINATION:		
13. MISCELLANEOUS:	Cut into existing Sargents-Waverly Line to bypass Sargents Station	OPSB Case No. 06-309-EL-BTX

PUCO FORM FE3-T9 COLUMBUS SOUTHERN POWER COMPANY SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

-	LINE NAME AND NUMBER:	Don Marquis Loop #1	Elk 138 kV Ext.
5	POINTS OF ORIGIN AND	Don Marquis (Pike County)	Elk (Vinton County)
	TERMINATION:	Waverly-Lick 138 kV Line	Poston-Lick 138 kV Line
က	RIGHT-OF-WAY:		
	LENGTH/WIDTH/CIRCUITS -	7.2 miles/100'/2 circuits	5 miles/1007/1
4	VO TAGE:		
	DESIGN/OPERATE	138 kV/138 kV	138 kV/138 kV
Ŋ	APPLICATION FOR CERTIFICATE:	Application to be filed in 2007	Application filed 2000
9	CONSTRUCTION:	To be completed 2009	No be completed December 2009
ŀ		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
<u>-</u>	CAPITAL INVESTMENT:	Total project cost \$31 Million (estimated)	No yet determined
χċ	PLANNED SUBSTATIONS:		
	NAME -	Existing Substations	Existing Substations
	TRANS. VOLTAGE -		
	ACREAGE -		
	LOCATION -		
9.	SUPPORTING STRUCTURES:	Double circuit steel poles	Double circuit steel poles
6	PARTICIPATION WITH OTHER	None	None
	UTILITIES:		
÷	DI IDDOSE OF THE DI ANNED	Support 138 W evetem in Southern Ohio	Improve Southern Objo reliability
1	TRANSMISSION I INF	CHO HOURS IN HORSE AN OCH VINCEN	
12.	CONSEQUENCES OF LINE	Degradation of transmission system reliability	Degradation of transmission system reliability
	CONSTRUCTION DEFERMENT		
	OR TERMINATION:		
13.	MISCELLANEOUS:	7.2 mile double circuit line from Don Marquis to	
		Intersect the waverly-Lick line between Mills Pride and E. Beaver	

PUCO FORM FE3-T9 COLUMBUS SOUTHERN POWER COMPANY SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

1. LINE NAME AND NUMBER:	Roberts - OSU	Hayden Roberts Ck #2
2. POINTS OF ORIGIN AND TERMINATION:	Roberts Station (Franklin County) OSU Station (Franklin County)	Hayden Station (Franklin County) Roberts Station (Franklin County)
3 RIGHT-OF-WAY.		
	6.2 miles/35/1	5.6 miles/ 150'/2
4. VOLTAGE:		
DESIGN/OPERATE	138 kV/138 kV	345 KV/345 KV
5. APPLICATION FOR CERTIFICATE:	Application to be filed in 2007	Application to be filed in 2008
6. CONSTRUCTION:	To be completed 2009	To be completed in 2009
7 CAPITAL INVESTMENT:	Not vel determined	Not vet determined
8. PLANNED SUBSTATIONS:		
NAME -	Existing Substations	Existing Substations
TRANS, VOLTAGE -		
ACREAGE -		
LOCATION -		
CTELLITO CHITTOCOLI 10		
8. SUPPORTING STRUCTURES.	Underground/overnead	Cverneau
10. PARTICIPATION WITH OTHER	None	None
UTILITIES:		
14 DI IDBOSE OF THE DI ANNED	Men reliability teams increased area load	Area reliability
	אַפֿמ יפּוֹמטווּין/אַפּוֹאָפֿ וּאָפּ וּפּוֹמטווּין/אַפּוּאָפֿ וּאַפּ	
12. CONSEQUENCES OF LINE	Reduced area reliability	Reduced area reliability
CONSTRUCTION DEFERMENT		
OR TERMINATION:		
13. MISCELLANEOUS:		

PUCO FORM FE3-T9 OHIO POWER COMPANY SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

1. ILINE NAME AND NUMBER:	Warner Avenue Extension	Mt. Hermon 138 kV Extension
2. POINTS OF ORIGIN AND	Sunnyside – Torrey 138 kV Circuit	(Newcomerstown-West Cambridge ckt, FH44)
3. RIGHT-OF-WAY:		
LENGTH/WIDTH/CIRCUITS -	0.30/100//1	0.15/100/one
4. VOLTAGE:		
T	138 kV	138/138 kV
5. APPLICATION FOR CERTIFICATE:	Letter of Notification to be filed	Letter of Notification to be filed
_		
6. CONSTRUCTION:	To be completed by October 2007	To be completed by November 2008
7 CADITAL INVESTMENT.	\$460 000 (actimated)	\$400 000 (estimated)
	מייים (פפייים ומיים)	(DODE 1100)
8. PLANNED SUBSTATIONS:	RTI (customer-owned)	
NAME -		Mt. Hermon (owned by Guernsey-Muskingum Electric Cooperative)
TRANS. VOLTAGE -		
ACREAGE -		
LOCATION		
c		
9. SUPPORTING STRUCTURES:	Steel/wood poles	Steel/wood poles
10 PARTICIPATION WITH OTHER		Guarneav. Misking im Flactic Conserative
11. PURPOSE OF THE PLANNED	To supply new customer-owned distribution	To supply new customer-owned distribution
TRANSMISSION LINE:	Station	Station
12. CONSEQUENCES OF LINE	Inability to serve customer	Inability to serve customer
OR TERMINATION:		
13. MISCELLANEOUS:	-	

PUCO FORM FE3-T9 OHIO POWER COMPANY SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES

1. LINE NAME AND NUMBER:	Great Bend IGCC 345 kV Extension #1 and #2	
2. POINTS OF ORIGIN AND	Great Bend Station	
	Sporit-Mushinguin 545 AV Line (Weigs County)	
3. RIGHT-OF-WAY:	Two double circuit tower lines; each is	
LENGTH/WIDTH/CIRCUITS -	approximately 9 miles long with a right-of-way width of 150 feet	
DESIGN/OPERATE	345 KV	
т		
5. APPLICATION FOR CERTIFICATE:	Application to be filed May 2007	
6. CONSTRUCTION:	To be completed by September 2010	
-		
/ CAPITAL INVESTIMENT:	Not yet determined	
8. PLANNED SUBSTATIONS:		
NAME -	AEP	
TRANS. VOLTAGE -		
ACREAGE -		
LOCATION	Meigs County	
SUPPORTING STRUCTURES:	Steet tower	
10. PARTICIPATION WITH OTHER	Columbus Southern Power Company	
UTILITIES:		
_	The second secon	
TRANSMISSION LINE:	To integrate new generating facility	
12. CONSEQUENCES OF LINE	Inability to serve customer	
CONSTRUCTION DEFERMENT		
OR TERMINATION:		
	VTG 13 000 90 -14> 03000	
13. MISCELLANECUS:	OF 5B Case No. 00-309-EL-51A	

PUCO FORM FE3-T10 COLUMBUS SOUTHERN POWER COMPANY SUMMARY OF PROPOSED SUBSTATIONS

						Line	Minimum
Substation	Voltage(s)	Distribution (D)				Existing	Substation
Name	<u>Ş</u>	Transmission (T)	Timing	Line Association(s)		or Proposed	Site Acreage*
Rozelle Creek	138	D	2007	Waverly-Ross		ш	5 acres
Centerburg	138	Q	2002	Conesville-Trent	138-43	E	5.13 acres
Pine Ridge Switch	69	T	2007	Lick-Ross	69-4	ш	<1 acre
Rozelle	138		2007	Ross-Mulberry		Э	~2.5 acres
Greif	138	D	2002	Greif Extension	C799	ш	1.0 acres

* The substation site acreage reflects present ownership.

PUCO FORM FE3-T10 OHIO POWER COMPANY SUMMARY OF PROPOSED SUBSTATIONS

Substation Name	Voltage(s) (kV)	Type Distribution (D) Transmission (T)	Timing	Line Association(s)		Line Existing or Proposed	Minimum Substation Site Acreage*
Sutton Switch	69	F	2007	East Logan-Shawnee 69 kV Line		m	Just ROW
North Bellville	138	L	2006	Philo-Howard	FF-20	ш	14.07 acres
Strasburg	138	Q	2007	Philo-S. Canton	OPFK13	m)	1.1 acres

* The substation site acreage reflects present ownership.

PUCO FORM FE4-D1: COLUMBUS SOUTHERN POWER COMPANY ENERGY DELIVERY FORECAST (Megawatt Hours/Year) (a)

			5	~	~	ත	ლ.	5	ZC.	m	0	9	8	2	~	8	7	33
(8)	TOTAL	2+9	19,058,385	18,845,417	19,334,704	19,606,559	20,952,323	23,237,485	24,087,865	24,398,433	24,772,140	25,124,836	25,512,446	25,775,542	26,127,427	26,487,063	26,892,377	27,138,083
(2)	Line Losses And	Company Use	1,225,490	1,370,708	1,656,230	1,329,187	1,385,167	1,398,266	1,535,084	1,486,612	1,510,545	1,534,163	1,623,763	1,578,727	1,602,531	1,627,258	1,721,509	1,670,403
(9)	TOTAL END	USE DELIVERY 1+2+3+4+5	17,832,895	17,474,709	17,678,474	18,277,372	19,567,156	21,839,219	22,552,780	22,911,821	23,261,595	23,590,673	23,888,684	24,196,815	24,524,896	24,859,805	25,170,868	25,467,681
(2)		OTHER (b)	475,934	479,960	391,375	51,203	54,078	54,453	55,325	56,563	57,215	608'29	58,424	59,026	59,612	60,169	969'09	61,186
(4)	RAILWAYS AND	RAILROADS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(3)		INDUSTRIAL	2,874,826	2,796,376	2,757,247	2,659,566	3,820,860	5,576,274	6,058,840	6,065,008	6,069,154	6,065,475	6,049,711	6,047,415	6,060,011	6,079,171	6,087,695	6,090,650
(2)		COMMERCIAL	7,469,059	7,463,340	7,629,775	8,215,654	8,421,589	8,633,995	8,808,562	9,050,405	9,272,945	9,490,882	9,702,854	9,917,237	10,134,775	10,353,656	10,569,724	10,783,534
(1)		RESIDENTIAL COMMERC	7,013,075	6,735,033	6,900,077	7,350,949	7,270,629	7,574,497	7,630,052	7,739,845	7,862,281	7,976,507	8,077,695	8,173,136	8,270,497	8,366,809	8,452,755	8,532,311
	•	YEAR	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
			ç	4	က	-5	-	0	1	2	3	4	5	9	7	80	6	10

(a) The category breakdown refers to Columbus Southern Power Company's Ohio service area and excludes sales for resale. (b) Street & Highway Lighting and Other Sales to Public Authorities.

PUCO FORM FE4-D1: OHIO POWER COMPANY ENERGY DELIVERY FORECAST (Megawatt Hours/Year) (a)

		(L)	(2)	(3)	(4)	(2)	(9)	(2)	(8)
					RAILWAYS		TOTALEND	Line Losses And	TOTAL
	YEAR	RESIDENTIAL	RESIDENTIAL COMMERCIAL	INDUSTRIAL	RAILROADS	OTHER	USE DELIVERY	Company	2.1.0
<u>Ş-</u>	2002	7,219,163	5,487,285	11,636,160	0	85,258	24,427,866	2,423,365	26,851,232
4-	2003	7,183,631	5,623,761	11,315,294	0	83,671	24,206,356	2,353,950	26,560,307
-3	2004	7,116,217	5,558,256	11,771,321	0	84,045	24,529,839	2,620,819	27,150,658
-2	2005	7,679,308	5,823,885	12,298,304	0	83,782	25,885,279	2,875,622	28,760,902
-1	2006	7,207,804	5,650,408	12,321,063	0	82,809	25,262,084	2,803,788	28,065,871
0	2007	7,450,619	5,785,097	14,323,079	0	82,886	27,641,681	2,497,548	30,139,226
T	2008	7,562,253	5,919,947	14,923,194	0	82,953	28,488,347	2,486,783	30,975,130
2	5009	7,687,615	6,056,197	15,028,163	0	83,019	28,854,995	2,331,711	31,186,706
3	2010	7,788,739	6,163,370	15,096,737	0	83,023	29,131,868	2,350,877	31,482,746
4	2011	7,873,760	6,263,477	15,138,277	0	83,020	29,358,534	2,367,754	31,726,289
5	2012	7,947,993	6,362,203	15,187,674	0	83,022	29,580,891	2,480,931	32,061,822
9	2013	8,024,861	6,469,906	15,286,573	0	83,027	29,864,366	2,409,264	32,273,630
7	2014	8,112,664	6,587,837	15,449,759	0	83,031	30,233,292	2,439,398	32,672,689
8	2015	8,192,673	6,698,433	15,573,664	0	83,024	30,547,794	2,464,476	33,012,270
6	2016	8,250,151	6,796,632	15,647,836	0	83,019	30,777,638	2,582,743	33,360,381
10	2017	8,297,819	6,890,922	15,700,370	0	83,017	30,972,128	2,500,043	33,472,171

(a) The category breakdown refers to Ohio Power Company's Ohio service area and excludes sales for resale. (b) Street & Highway Lighting.

COLUMBUS SOUTHERN POWER COMPANY ENERGY DELIVERY FORECAST (Megawatt Hours/Year) (a) PUCO FORM FE4-D2:

(8)	TOTAL ENERGY	6+7	19,058,385	18,845,417	19,334,704	19,606,559	20,952,323	23,237,485	24,087,865	24,398,433	24,772,140	25,124,836	25,512,446	25,775,542	26,127,427	26,487,063	26,892,377	27,138,083
(2)	Line Losses And	Company Use	1,225,490	1,370,708	1,656,230	1,329,187	1,385,167	1,398,266	1,535,084	1,486,612	1,510,545	1,534,163	1,623,763	1,578,727	1,602,531	1,627,258	1,721,509	1,670,403
(9)	TOTAL END	USE DELIVERY 1+2+3+4+5	17,832,895	17,474,709	17,678,474	18,277,372	19,567,156	21,839,219	22,552,780	22,911,821	23,261,595	23,590,673	23,888,684	24,196,815	24,524,896	24,859,805	25,170,868	25,467,681
(5)		OTHER (b)	475,934	479,960	391,375	51,203	54,078	54,453	55,325	56,563	57,215	57,809	58,424	59,026	59,612	60,169	60,695	61,186
(4)	RAILWAYS AND	RAILROADS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(3)		INDUSTRIAL	2,874,826	2,796,376	2,757,247	2,659,566	3,820,860	5,576,274	6,058,840	6,065,008	6,069,154	6,065,475	6,049,711	6,047,415	6,060,011	6,079,171	6,087,695	6,090,650
(2)		COMMERCIAL	7,469,059	7,463,340	7,629,775	8,215,654	8,421,589	8,633,995	8,808,562	9,050,405	9,272,945	9,490,882	9,702,854	9,917,237	10,134,775	10,353,656	10,569,724	10,783,534
(1)		RESIDENTIAL C	7,013,075	6,735,033	6,900,077	7,350,949	7,270,629	7,574,497	7,630,052	7,739,845	7,862,281	209'926'2	8,077,695	8,173,136	8,270,497	8,366,809	8,452,755	8,532,311
		YEAR	2002	2003	2004	2005	2006	2002	2008	5009	2010	2011	2012	2013	2014	2015	2016	2017
			ç.	4	-3	-2	-1	0	1	2	3	4	2	9	7	8	6	10

(a) The category breakdown refers to Columbus Southern Power Company's total service area and excludes sales for resale. (b) Street & Highway Lighting and Other Sales to Public Authorities.

OHIO POWER COMPANY ENERGY DELIVERY FORECAST (Megawatt Hours/Year) (a) PUCO FORM FE4-D2:

(8)	TOTAL	2+9	29,868,384	29,563,144	30,184,697	31,805,116	28,065,871	30,139,226	30,975,130	31,186,706	31,482,746	31,726,289	32,061,822	32,273,630	32,672,689	33,012,270	33,360,381	33,472,171
(2)	Line Losses And	Company Use	2,423,365	2,353,950	2,620,819	2,875,622	2,803,788	2,497,546	2,486,783	2,331,711	2,350,877	2,367,754	2,480,931	2,409,264	2,439,398	2,464,476	2,582,743	2,500,043
(9)	TOTAL END	USE DELIVERY 1+2+3+4+5	27,445,018	27,209,193	27,563,878	28,929,494	25,262,084	27,641,681	28,488,347	28,854,995	29,131,868	29,358,534	29,580,891	29,864,366	30,233,292	30,547,794	30,777,638	30,972,128
(2)		OTHER (b)	85,258	83,671	84,045	83,782	82,809	82,886	82,953	83,019	83,023	83,020	83,022	83,027	83,031	83,024	83,019	83,017
(4)	RAILWAYS AND	RAILROADS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(3)		INDUSTRIAL	14,653,312	14,318,131	14,805,360	15,342,519	12,321,063	14,323,079	14,923,194	15,028,163	15,096,737	15,138,277	15,187,674	15,286,573	15,449,759	15,573,664	15,647,836	15,700,370
(2)		COMMERCIAL	5,487,285	5,623,761	5,558,256	5,823,885	5,650,408	5,785,097	5,919,947	6,056,197	6,163,370	6,263,477	6,362,203	6,469,906	6,587,837	6,698,433	6,796,632	6,890,922
(1)		RESIDENTIAL	7,219,163	7,183,631	7,116,217	2,679,308	7,207,804	7,450,619	7,562,253	7,687,615	7,788,739	7,873,760	7,947,993	8,024,861	8,112,664	8,192,673	8,250,151	8,297,819
		YEAR	2002	2003	2004	2005	2006	2002	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
			ΐ	4	က	-5	Ţ-	0	-	2	က	4	5	9	7	œ	6	10

(a) The category breakdown refers to Ohio Power Company's total service area and excludes sales for resale. (b) Street & Highway Lighting.

AMERICAN ELECTRIC POWER SYSTEM - EAST ZONE ENERGY DELIVERY FORECAST (Megawatt Hours/Year) (a) PUCO FORM FE4-D3:

(8)	TOTAL	2+9	112,860,012	111,186,544	113,500,461	118,192,961	117,524,514	125,406,409	128,666,823	129,651,446	130,810,966	131,961,675	133,583,301	134,444,434	135,763,831	136,961,664	138,535,056	139,293,760
(2)	Line Losses And	Company Use	9,037,271	9,169,625	9,205,123	10,644,436	12,841,114	10,327,241	10,578,143	10,085,166	10,300,849	10,414,588	10,853,167	10,623,617	10,726,623	10,822,816	11,321,652	11,021,352
(9)	TOTAL END	USE DELIVERY 1+2+3+4+5	103,822,741	102,016,919	104,295,338	107,548,525	104,683,400	115,079,169	118,088,680	119,566,280	120,510,117	121,547,087	122,730,134	123,820,816	125,037,207	126,138,848	127,213,404	128,272,408
(2)		OTHER (b)	1,478,424	1,483,978	1,421,322	1,095,797	1,071,084	1,096,920	1,112,916	1,127,736	1,134,288	1,145,104	1,156,429	1,166,196	1,176,195	1,186,373	1,196,751	1,207,268
(4)	RAILWAYS AND	RAILROADS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(3)		INDUSTRIAL	40,734,070	39,511,691	40,986,434	41,967,832	39,894,413	48,144,449	50,035,382	50,318,466	50,334,782	50,389,219	50,551,282	50,761,711	51,052,124	51,271,689	51,484,683	51,721,816
(2)		COMMERCIAL	26,564,432	26,568,172	26,966,329	28,201,423	28,056,117	28,761,806	29,361,310	30,014,517	30,561,874	31,134,659	31,731,845	32,283,598	32,860,786	33,426,108	34,000,730	34,572,374
(1)		RESIDENTIAL	35,045,815	34,453,079	34,921,253	36,283,473	35,661,787	37,075,993	37,579,073	38,105,560	38,479,173	38,878,105	39,290,579	39,609,311	39,948,103	40,254,678	40,531,240	40,770,949
		YEAR	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
			-5	4	9	-2	-1	0	_	2	3	4	5	9		8	6	10

(a) The category breakdown refers to AEP System - EAST Zone. This tables total relevant service area and excludes sales for resale. (b) Street & Highway Lighting and Other Sales to Public Authorities.

PUCO FORM FE4-D4: COLUMBUS SOUTHERN POWER COMPANY SEASONAL PEAK LOAD DEMAND FORECAST (Megawatts)(a)

			Load	
	Year	Summer	Winter(b)	
-5	2002	4,040	3,240	
-4	2003	3,871	3,150	
-3	2004	3,623	3,074	•
-2	2005	4,105	3,212	
-1	2006	4,425	3,305	•
0	2007	4,550	3,583	
1	2008	4,581	3,647	
2	2009	4,637	3,709	
3	2010	4,702	3,767	
4	2011	4,765	3,821	
5	2012	4,820	3,872	
6	2013	4,879	3,928	
7	2014	4,943	3,984	
. 8	2015	5,008	4,039	
9	2016	5,066	4,090	
10	2017	5,124	4,139	

⁽a) Data refer to Columbus Southern Power Company's Ohio service area.

Note: The annual change in growth rate reflected on this schedule which is greater than 0.5% is attributable to the inclusion of service to Ormet as a new customer. Pursuant to the settlement in Case Nos. 06-501 and 502-EL-FOR, which was approved by the Public Utilities Commission of Ohio's January 31, 2007 Finding and Order in those dockets, Staff will not request a hearing on the 2007 LTFR based on the "substantial change" criterion.

⁽b) Winter load reference is to peak loads for the winter following the summer peak load.

PUCO FORM FE4-D4: OHIO POWER COMPANY SEASONAL PEAK LOAD DEMAND FORECAST (Megawatts)(a)

			Load	
	<u>Year</u>	<u>Summer</u>	Winter(b)	
-5	2002	4,745	4,109	
-4	2003	4,495	4,420	
-3	2004	4,444	4,264	
-2	2005	4,978	4,364	
-1	2006	4,950	4,454	
0	2007	5,119	4,712	
1	2008	5,167	4,726	
2	2009	5,217	4,773	
3	2010	5,264	4,817	
4	2011	5,301	4,851	
5	2012	5,340	4,894	
6	2013	5,392	4,949	
7	2014	5,459	5,012	
8	2015	5,511	5,053	
9	2016	5,552	5,088	
10	2017	5,586	5,120	

⁽a) Data refer to Ohio Power Company's Ohio service area.(b) Winter load reference is to peak loads for the winter following the summer peak load.

PUCO FORM FE4-D5: COLUMBUS SOUTHERN POWER COMPANY SEASONAL PEAK LOAD DEMAND FORECAST (Megawatts)(a)

			Load	
	<u>Year</u>	<u>Summer</u>	Winter(b)	
-5	2002	4,040	3,240	
-4	2003	3,871	3,150	
-3	2004	3,623	3,074	
-2	2005	4,105	3,212	
-1	2006	4,425	3,305	
0	2007	4,550	3,583	
1	2008	4,581	3,647	
2	2009	4,637	3,709	
3	2010	4,702	3,767	
4	2011	4,765	3,821	
5	2012	4,820	3,872	
6	2013	4,879	3,928	
7	2014	4,943	3,984	
8	2015	5,008	4,039	
9	2016	5,066	4,090	
10	2017	5,124	4,139	

- (a) Data refer to Columbus Southern Power Company's total service area.
- (b) Winter load reference is to peak loads for the winter following the summer peak load.

Note: The annual change in growth rate reflected on this schedule which is greater than 0.5% is attributable to the inclusion of service to Ormet as a new customer. Pursuant to the settlement in Case Nos. 06-501 and 502-EL-FOR, which was approved by the Public Utilities Commission of Ohio's January 31, 2007 Finding and Order in those dockets, Staff will not request a hearing on the 2007 LTFR based on the "substantial change" criterion.

PUCO FORM FE4-D5: OHIO POWER COMPANY SEASONAL PEAK LOAD DEMAND FORECAST (Megawatts)(a)

-			Load	
	<u>Year</u>	<u>Summer</u>	Winter(b)	
-5	2002	5,360	4,710	
-4	2003	5,121	5,018	
-3	2004	5,059	4,955	
-2	2005	5,638	4,983	
-1	2006	5,260	4,778	
0	2007	5,463	5,047	
1	2008	5,515	5,066	
2	2009	5,563	5,112	
3	2010	5,607	5,153	
4	2011	5,642	5,188	
5	2012	5,683	5,232	
6	2013	5,735	5,289	
7	2014	5,804	5,352	
8	2015	5,857	5,394	
9	2016	5,898	5,429	
_ 10	2017	5,932	5,462	

⁽a) Data refer to Ohio Power Company's total service area.

⁽b) Winter load reference is to peak loads for the winter following the summer peak load.

PUCO FORM FE4-D6: AEP SYSTEM - EAST ZONE SEASONAL PEAK LOAD DEMAND FORECAST (Megawatts)(a)

			Load	
	<u>Year</u>	<u>Summer</u>	Winter(b)	
-5	2002	20,402	19,454	
-4	2003	19,688	18,958	
-3	2004	19,049	19,796	
-2	2005	20,770	19,604	•
-1	2006	21,898	20,390	
0	2007	22,355	21,194	
1	2008	22,588	21,388	
2	2009	22,838	21,645	
3	2010	23,083	21,848	
4	2011	23,331	22,020	
5	2012	23,524	22,174	
6	2013	23,749	22,399	
7	2014	23,947	22,640	
8	2015	24,159	22,866	
9	2016	24,425	23,007	
10	2017	24,656	23,163	

⁽a) Data refer to the AEP System - East Zone service area.(b) Winter load reference is to peak loads for the winter following the summer peak load.

PUCO FORM FE4-D7: Columbus Southern Power Company Total Monthly Energy Forecast (MWh)

Year 0	Ohio Portion	Total Service Area	AEP (a) System
January	1,930,192	1,930,192	11,984,490
February	1,795,564	1,795,564	11,080,847
March	1,754,618	1,754,618	10,509,423
April .	1,697,130	1,697,130	9,810,653
May	1,806,209	1,806,209	9,983,120
June	2,056,857	2,056,857	10,901,693
July	2,256,416	2,256,416	11,737,463
August	2,216,806	2,216,806	11,717,233
September	1,969,375	1,969,375	10,676,931
October	1,779,908	1,779,908	10,049,399
November	1,869,395	1,869,395	10,733,267
December	2,105,014	2,105,01 4	12,257,668
Year 1			
January	2,130,032	2,130,032	12,527,068
February	2,028,667	2,028,667	11,970,525
March	1,900,493	1,900,493	10,989,241
April	1,781,166	1,781,166	10,120,127
May	1,828,673	1,828,673	10,178,421
June	2,090,664	2,090,664	11,129,171
July	2,295,502	2,295,502	11,943,578
August	2,181,346	2,181,346	11,669,095
September	1,962,547	1,962,547	10,734,810
October	1,840,123	1,840,123	10,332,277
November	1,917,946	1,917,946	10,915,155
December	2,130,705	2,130,705	12,344,464

⁽a) AEP System is the AEP - East Zone.

PUCO FORM FE4-D7: Ohio Power Company Total Monthly Energy Forecast (MWh)

<u>Year 0</u>	Ohio Portion	<u>Total</u> <u>Service Area</u>	AEP (a) System
January	2,575,316	2,769,435	11,984,490
February	2,430,795	2,607,170	11,080,847
March	2,414,459	2,582,448	10,509,423
April	2,336,749	2, 498,38 1	9,810,653
May	2,377,020	2,539,245	9,983,120
June	2,529,926	2,700,953	10,901,693
July	2,690,495	2,873,327	11,737,463
August	2,693,003	2,889,000	11,717,233
September	2,500,468	2,671,723	10,676,931
October	2,391,659	2,552,949	10,0 49,399
November	2,476,060	2,659,154	10,733, 267
December	2,729,834	2,924,819	12,257,668
Year 1			
January	2,764,902	2,963,892	12,527,068
February	2,671,522	2,858,962	11,970,525
March	2,558,963	2,732,552	10,989,241
A pril	2,410,732	2,583,776	10,120,127
May	2,418,393	2,593,653	10,178,421
June	2,557,636	2,742,814	11,129,171
July	2,702,617	2,890,634	11,943,578
August	2,684,983	2,883,827	11,669,095
September	2,522,695	2,698,088	10,734,810
October	2,461,294	2,625,258	10,332,277
November	2,501,445	2,685,689	10,915,155
December	2,726,638	2,921,519	12,344,464

⁽a) AEP System is the AEP - East Zone.

PUCO FORM FE4-D8: Columbus Southern Power Company Monthly Internal Peak Load Forecast (Megawatts)

Year 0	Ohio Portion	<u>Total</u> Service Area	AEP (a) System
January	3,305	3,305	20,390
February	3,229	3,229	19,918
March	3,007	3,007	17,953
April	2,920	2,920	16,777
May	3,437	3,437	18,029
June	4,115	4,115	21,099
July	4,550	4,550	22,355
August	4,338	4,338	21,534
September	4,019	4,019	20,390
October	2,918	2,918	15,763
November	3,142	3,142	18,242
December	3,498	3,498	20,386
Year 1			
January	3,583	3,583	21,194
February	3,490	3,490	20,695
March	3,234	3,234	18,781
April	3,048	3,048	17,233
May	3,474	3,474	18,430
June	4,186	4,186	21,544
July	4,581	4,581	22,588
August	4,290	4,290	21,873
September	4,003	4,003	20,456
October	3,021	3,021	16,213
November	3,237	3,237	18,664
December	3,541	3,541	20,499

⁽a) AEP System is the AEP - East Zone.

PUCO FORM FE4-D8: Ohio Power Company Monthly Internal Peak Load Forecast (Megawatts)

<u>Year 0</u>	Ohio	<u>Total</u>	AEP (a)
	Portion	<u>Service Area</u>	System
January	4,454	4,778	20,390
February	4,373	4,684	19,918
March	4,155	4,439	17,953
April	4,124	4,404	16,777
May	4,270	4,532	18,029
June July August September October November December	4,952	5,269	21,099
	5,066	5,393	22,355
	5,119	5,463	21,534
	4,832	5,137	20,390
	4,057	4,317	15,763
	4,287	4,586	18,242
	4,706	5,021	20,386
Year 1			
January February March April May June July August September October November December	4,712	5,047	21,194
	4,602	4,922	20,695
	4,386	4,670	18,781
	4,237	4,536	17,233
	4,370	4,651	18,430
	5,013	5,352	21,544
	5,092	5,426	22,588
	5,167	5,515	21,873
	4,879	5,188	20,456
	4,176	4,441	16,213
	4,360	4,670	18,664
	4,700	5,015	20,499

⁽a) AEP System is the AEP - East Zone.