

June 30, 2017

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

SUBJECT: Case Nos. 16-1820-EL-RDR  
89-6006-EL-TRF

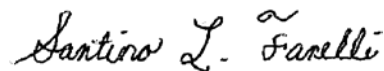
Dear Ms. McNeal:

In accordance with the Commission Order in Ohio Edison Company's Case No. 14-1297-EL-SSO Electric Security Plan proceeding, please file the attached schedules, bill impacts, and tariff pages on behalf of Ohio Edison Company related to the Delivery Capital Recovery Rider (Rider DCR). The attached schedules demonstrate that the year-to-date revenue is below the permitted annual cap for 2017 and provide detailed calculations related to plant in service, accumulated depreciation reserve, income taxes, commercial activity taxes, and property taxes, rate base, depreciation expense, and the resulting revenue requirement all as contemplated by the Order in Ohio Edison Company's Case No. 14-1297-EL-SSO Electric Security Plan proceeding.

Also included with the filing are estimated bill impacts for multiple usage levels for the different rate schedules reflecting the impact on current bills of the Rider DCR charges commencing on September 1, 2017.

Finally, attached is a tariff page that reflects the pricing update of Rider DCR. Please file one copy of the tariffs in each of the above mentioned Case Nos. 16-1820-EL-RDR and 89-6006-EL-TRF, and distribute two copies to the Staff. Thank you.

Sincerely,



Santino L. Fanelli  
Director, Rates & Regulatory Affairs

Enclosures

Ohio Edison Company  
Delivery Capital Recovery Rider (DCR)  
September 2017 – November 2017 Filing  
June 30, 2017

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**Rider DCR**  
**Rates for September - November 2017**  
**Revenue Requirement Summary**

(\$ millions)

**Calculation of Annual Revenue Requirement Based on Estimated 8/31/2017 Rate Base**

Line No.	Description	Source	CEI	OE	TE	TOTAL
1	Annual Revenue Requirement Based on Actual 5/31/2017 Rate Base	6/30/2017 Compliance Filing; Page 2; Column (f) Lines 36-39	\$ 119.1	\$ 119.1	\$ 29.2	\$ 267.3
2	Incremental Revenue Requirement Based on Estimated 8/31/2017 Rate Base	Calculation: 6/30/2017 Compliance Filing (Page 27, Column (f) Lines 36-39) minus Line 1	\$ 0.8	\$ 3.4	\$ 2.1	\$ 6.2
3	Annual Revenue Requirement Based on Estimated 8/31/2017 Rate Base	Calculation: SUM [ Line 1 through Line 2 ]	\$ 119.8	\$ 122.4	\$ 31.3	\$ 273.6

**Rider DCR**  
**Actual Distribution Rate Base Additions as of 5/31/2017**  
**Revenue Requirement Calculation**

(\$ millions)

\* 5/31/2007 balances refer to the jurisdictional balances approved in Case 07-551-EL-AIR. Source: PUCO Staff workpapers supporting the PUCO Opinion & Order

	(A)	(B)	(C) = (B) - (A)	(D)			
(1)	<b>Gross Plant</b>		<b>5/31/2007*</b>	<b>5/31/2017</b>	<b>Incremental</b>	<b>Source of Column (B)</b>	
(2)	CEI	1,927.1	3,028.3	1,101.2	Sch B2.1 (Actual) Line 45		
(3)	OE	2,074.0	3,412.2	1,338.2	Sch B2.1 (Actual) Line 47		
(4)	TE	771.5	1,171.0	399.5	Sch B2.1 (Actual) Line 44		
	<b>Total</b>	<b>4,772.5</b>	<b>7,611.5</b>	<b>2,838.9</b>	<b>Sum: [ (1) through (3) ]</b>		
<b>Accumulated Reserve</b>							
(5)	CEI	(773.0)	(1,299.9)	(526.9)	-Sch B3 (Actual) Line 46		
(6)	OE	(803.0)	(1,350.1)	(547.1)	-Sch B3 (Actual) Line 48		
(7)	TE	(376.8)	(591.3)	(214.5)	-Sch B3 (Actual) Line 45		
(8)	<b>Total</b>	<b>(1,952.8)</b>	<b>(3,241.3)</b>	<b>(1,288.5)</b>	<b>Sum: [ (5) through (7) ]</b>		
<b>Net Plant In Service</b>							
(9)	CEI	1,154.0	1,728.4	574.4	(1) + (5)		
(10)	OE	1,271.0	2,062.1	791.1	(2) + (6)		
(11)	TE	394.7	579.7	185.0	(3) + (7)		
(12)	<b>Total</b>	<b>2,819.7</b>	<b>4,370.2</b>	<b>1,550.5</b>	<b>Sum: [ (9) through (11) ]</b>		
<b>ADIT</b>							
(13)	CEI	(246.4)	(479.6)	(233.2)	- ADIT Balances (Actual) Line 3		
(14)	OE	(197.1)	(600.7)	(403.7)	- ADIT Balances (Actual) Line 3		
(15)	TE	(10.3)	(153.5)	(143.2)	- ADIT Balances (Actual) Line 3		
(16)	<b>Total</b>	<b>(453.8)</b>	<b>(1,233.8)</b>	<b>(780.1)</b>	<b>Sum: [ (13) through (15) ]</b>		
<b>Rate Base</b>							
(17)	CEI	907.7	1,248.8	341.1	(9) + (13)		
(18)	OE	1,073.9	1,461.4	387.5	(10) + (14)		
(19)	TE	384.4	426.2	41.8	(11) + (15)		
(20)	<b>Total</b>	<b>2,366.0</b>	<b>3,136.4</b>	<b>770.4</b>	<b>Sum: [ (17) through (19) ]</b>		
<b>Depreciation Exp</b>							
(21)	CEI	60.0	98.5	38.5	Sch B-3.2 (Actual) Line 46		
(22)	OE	62.0	103.8	41.8	Sch B-3.2 (Actual) Line 48		
(23)	TE	24.5	38.6	14.1	Sch B-3.2 (Actual) Line 45		
(24)	<b>Total</b>	<b>146.5</b>	<b>240.9</b>	<b>94.4</b>	<b>Sum: [ (21) through (23) ]</b>		
<b>Property Tax Exp</b>							
(25)	CEI	65.0	106.4	41.4	Sch C-3.10a (Actual) Line 4		
(26)	OE	57.4	90.3	33.0	Sch C-3.10a (Actual) Line 4		
(27)	TE	20.1	30.4	10.3	Sch C-3.10a (Actual) Line 4		
(28)	<b>Total</b>	<b>142.4</b>	<b>227.1</b>	<b>84.7</b>	<b>Sum: [ (25) through (27) ]</b>		
(29)	<b>Revenue Requirement</b>		<b>Rate Base</b>	<b>Return 8.48%</b>	<b>Deprec</b>	<b>Prop Tax</b>	<b>Rev. Req.</b>
(30)	CEI	341.1	28.9	38.5	41.4	<b>108.9</b>	
(31)	OE	387.5	32.9	41.8	33.0	<b>107.6</b>	
(32)	TE	41.8	3.5	14.1	10.3	<b>27.9</b>	
	<b>Total</b>	<b>770.4</b>	<b>65.3</b>	<b>94.4</b>	<b>84.7</b>	<b>244.4</b>	

<b>Capital Structure &amp; Returns</b>			
	% mix	rate	wtd rate
(33) Debt	51%	6.54%	3.3%
(34) Equity	49%	10.50%	5.1%
(35) <b>Total</b>			<b>8.48%</b>

	(a)	(b)	(c)	(d)	(e)	(f)
<b>Revenue Requirement with Tax</b>	<b>Equity Return</b>	<b>Tax Rate</b>	<b>Income Tax</b>	<b>CAT 0.26%</b>	<b>Taxes</b>	<b>Rev. Req. + Tax</b>
(36) CEI	17.6	36.07%	9.9	0.3	10.2	119.1
(37) OE	19.9	35.85%	11.1	0.3	11.4	119.1
(38) TE	2.2	35.69%	1.2	0.1	1.3	29.2
(39) <b>Total</b>	<b>39.6</b>		<b>22.2</b>	<b>0.7</b>	<b>22.9</b>	<b>267.3</b>

(a) = Weighted Cost of Equity x Rate Base  
 (b) = Current composite income tax rates

(c) = (a) x (1 / (1-(b)) - 1)  
 (d) = (Rev. Req. + (c)) x (1/(1-.26%) - 1)

(e) = (c) + (d)  
 (f) = (e) + Rev. Req. from Lines 29-31

Ohio Edison Company: 16-1820-EL-RDR  
5/31/2017 Actual Plant in Service by Accounts and Subaccounts

Schedule B-2.1 (Actual)

Page 1 of 4

NOTE: Column A contains actual plant in service balances as of 5/31/2017, adjusted to remove the cumulative pre-2007 impact of a change in pension accounting and incorporate recommendations from the March 2013, April 2014, April 2015, April 2016, and May 2017 Rider DCR Audit Reports. Column B shows jurisdictional allocation factors from Case No. 07-551-EL-AIR. Additional details on the adjustments in Column D are provided on the "Summary of Exclusions per Case No. 14-1297-EL-SSO: Actual 5/31/2017 Plant in Service Balances" workpaper.

Line No.	Account No.	Account Title	Total Company (A)	Allocation % (B)	Allocated Total (C) = (A) * (B)	Adjustments (D)	Adjusted Jurisdiction (E) = (C) + (D)
<u>TRANSMISSION PLANT</u>							
1	350	Land & Land Rights	\$ 95,248,930	100%	\$ 95,248,930	\$ (86,982,409)	\$ 8,266,521
2	352	Structures & Improvements	\$ 11,756,316	100%	\$ 11,756,316		\$ 11,756,316
3	353	Station Equipment	\$ 109,195,143	100%	\$ 109,195,143		\$ 109,195,143
4	354	Towers & Fixtures	\$ 276,919	100%	\$ 276,919		\$ 276,919
5	355	Poles & Fixtures	\$ 27,037,767	100%	\$ 27,037,767		\$ 27,037,767
6	356	Overhead Conductors & Devices	\$ 37,639,714	100%	\$ 37,639,714		\$ 37,639,714
7	357	Underground Conduit	\$ 1,540,142	100%	\$ 1,540,142		\$ 1,540,142
8	358	Underground Conductors & Devices	\$ 16,560,195	100%	\$ 16,560,195		\$ 16,560,195
9	359	Roads & Trails	\$ 34,404	100%	\$ 34,404		\$ 34,404
10		Total Transmission Plant	\$ 299,289,529	100%	\$ 299,289,529	\$ (86,982,409)	\$ 212,307,120

Ohio Edison Company: 16-1820-EL-RDR  
5/31/2017 Actual Plant in Service by Accounts and Subaccounts

Schedule B-2.1 (Actual)

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NOTE: Column A contains actual plant in service balances as of 5/31/2017, adjusted to remove the cumulative pre-2007 impact of a change in pension accounting and incorporate recommendations from the March 2013, April 2014, April 2015, April 2016, and May 2017 Rider DCR Audit Reports. Column B shows jurisdictional allocation factors from Case No. 07-551-EL-AIR. Additional details on the adjustments in Column D are provided on the "Summary of Exclusions per Case No. 14-1297-EL-SSO: Actual 5/31/2017 Plant in Service Balances" workpaper.

Line No.	Account No.	Account Title	Total Company (A)	Allocation % (B)	Allocated Total (C) = (A) * (B)	Adjustments (D)	Adjusted Jurisdiction (E) = (C) + (D)
<u>DISTRIBUTION PLANT</u>							
11	360	Land & Land Rights	\$ 12,612,694	100%	\$ 12,612,694		\$ 12,612,694
12	361	Structures & Improvements	\$ 15,351,343	100%	\$ 15,351,343		\$ 15,351,343
13	362	Station Equipment	\$ 263,068,228	100%	\$ 263,068,228		\$ 263,068,228
14	364	Poles, Towers & Fixtures	\$ 503,877,457	100%	\$ 503,877,457		\$ 503,877,457
15	365	Overhead Conductors & Devices	\$ 741,479,412	100%	\$ 741,479,412		\$ 741,479,412
16	366	Underground Conduit	\$ 67,042,890	100%	\$ 67,042,890		\$ 67,042,890
17	367	Underground Conductors & Devices	\$ 320,697,859	100%	\$ 320,697,859		\$ 320,697,859
18	368	Line Transformers	\$ 495,570,466	100%	\$ 495,570,466		\$ 495,570,466
19	369	Services	\$ 131,921,585	100%	\$ 131,921,585		\$ 131,921,585
20	370	Meters	\$ 154,488,174	100%	\$ 154,488,174		\$ 154,488,174
21	371	Installation on Customer Premises	\$ 24,648,334	100%	\$ 24,648,334		\$ 24,648,334
22	373	Street Lighting & Signal Systems	\$ 74,530,832	100%	\$ 74,530,832		\$ 74,530,832
23	374	Asset Retirement Costs for Distribution Plant	\$ 22,272	100%	\$ 22,272		\$ 22,272
24		Total Distribution Plant	\$ 2,805,311,545	100%	\$ 2,805,311,545	\$ -	\$ 2,805,311,545

Ohio Edison Company: 16-1820-EL-RDR  
5/31/2017 Actual Plant in Service by Accounts and Subaccounts

Schedule B-2.1 (Actual)

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NOTE: Column A contains actual plant in service balances as of 5/31/2017, adjusted to remove the cumulative pre-2007 impact of a change in pension accounting and incorporate recommendations from the March 2013, April 2014, April 2015, April 2016, and May 2017 Rider DCR Audit Reports. Column B shows jurisdictional allocation factors from Case No. 07-551-EL-AIR. Additional details on the adjustments in Column D are provided on the "Summary of Exclusions per Case No. 14-1297-EL-SSO: Actual 5/31/2017 Plant in Service Balances" workpaper.

Line No.	Account No.	Account Title	Total Company (A)	Allocation % (B)	Allocated Total (C) = (A) * (B)	Adjustments (D)	Adjusted Jurisdiction (E) = (C) + (D)
<u>GENERAL PLANT</u>							
25	389	Land & Land Rights	\$ 3,257,286	100%	\$ 3,257,286		\$ 3,257,286
26	390	Structures & Improvements	\$ 95,622,980	100%	\$ 95,622,980		\$ 95,622,980
27	390.3	Leasehold Improvements	\$ 108,959	100%	\$ 108,959		\$ 108,959
28	391.1	Office Furniture & Equipment	\$ 6,653,672	100%	\$ 6,653,672		\$ 6,653,672
29	391.2	Data Processing Equipment	\$ 9,443,821	100%	\$ 9,443,821		\$ 9,443,821
30	392	Transportation Equipment	\$ 2,809,627	100%	\$ 2,809,627		\$ 2,809,627
31	393	Stores Equipment	\$ 1,265,913	100%	\$ 1,265,913		\$ 1,265,913
32	394	Tools, Shop & Garage Equipment	\$ 15,761,755	100%	\$ 15,761,755		\$ 15,761,755
33	395	Laboratory Equipment	\$ 5,373,033	100%	\$ 5,373,033		\$ 5,373,033
34	396	Power Operated Equipment	\$ 3,911,639	100%	\$ 3,911,639		\$ 3,911,639
35	397	Communication Equipment	\$ 41,798,132	100%	\$ 41,798,132		\$ 41,798,132
36	398	Miscellaneous Equipment	\$ 413,561	100%	\$ 413,561		\$ 413,561
37	399.1	Asset Retirement Costs for General Plant	\$ 303,410	100%	\$ 303,410		\$ 303,410
38		Total General Plant	\$ 186,723,788	100%	\$ 186,723,788	\$ -	\$ 186,723,788

Ohio Edison Company: 16-1820-EL-RDR  
5/31/2017 Actual Plant in Service by Accounts and Subaccounts

Schedule B-2.1 (Actual)

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NOTE: Column A contains actual plant in service balances as of 5/31/2017, adjusted to remove the cumulative pre-2007 impact of a change in pension accounting and incorporate recommendations from the March 2013, April 2014, April 2015, April 2016, and May 2017 Rider DCR Audit Reports. Column B shows jurisdictional allocation factors from Case No. 07-551-EL-AIR. Additional details on the adjustments in Column D are provided on the "Summary of Exclusions per Case No. 14-1297-EL-SSO: Actual 5/31/2017 Plant in Service Balances" workpaper.

Line No.	Account No.	Account Title	Total Company (A)	Allocation % (B)	Allocated Total (C) = (A) * (B)	Adjustments (D)	Adjusted Jurisdiction (E) = (C) + (D)
<u>OTHER PLANT</u>							
39	301	Organization	\$ 89,746	100%	\$ 89,746		\$ 89,746
40	303	Intangible Software	\$ 83,513,004	100%	\$ 83,513,004		\$ 83,513,004
41	303	Intangible FAS 109 Transmission	\$ 2,023,278	100%	\$ 2,023,278		\$ 2,023,278
42	303	Intangible FAS 109 Distribution	\$ 1,531,123	100%	\$ 1,531,123		\$ 1,531,123
43	303	Intangible FAS 109 General	\$ 199,091	100%	\$ 199,091		\$ 199,091
44		Total Other Plant	\$ 87,356,242		\$ 87,356,242	\$ -	\$ 87,356,242
45		Company Total Plant	<u>\$ 3,378,681,104</u>	100%	<u>\$ 3,378,681,104</u>	<u>\$ (86,982,409)</u>	<u>\$ 3,291,698,695</u>
46		Service Company Plant Allocated*					\$ 120,487,452
47		Grand Total Plant (45 + 46)					<u>\$ 3,412,186,147</u>

\* Source: Line 2 of the "Service Company Allocations to the Ohio Operating Companies (Actual)" workpaper.



Ohio Edison Company: 16-1820-EL-RDR  
5/31/2017 Actual Reserve for Accumulated Depreciation by Accounts and Subaccounts

Schedule B-3 (Actual)  
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NOTE: Column B contains actual reserve for accumulated depreciation balances as of 5/31/2017, adjusted to remove the cumulative pre-2007 impact of a change in pension accounting and incorporate recommendations from the March 2013, April 2014, April 2015, April 2016, and May 2017 Rider DCR Audit Reports. Column C shows jurisdictional allocation factors from Case No. 07-551-EL-AIR. Additional details on the adjustments in Column E are provided on the "Summary of Exclusions per Case No. 14-1297-EL-SSO: Actual 5/31/2017 Plant in Service Balances" workpaper.

Line No.	Account No.	Account Title	Total Company	Reserve Balances				
			Plant Investment	Total Company	Allocation %	Allocated Total	Adjustments	Adjusted Jurisdiction
			Sch B2.1 (Actual) Column E					
(A)								
<u>TRANSMISSION PLANT</u>								
1	350	Land & Land Rights	\$ 8,266,521	\$ 22,598	100%	\$ 22,598		\$ 22,598
2	352	Structures & Improvements	\$ 11,756,316	\$ 8,010,610	100%	\$ 8,010,610		\$ 8,010,610
3	353	Station Equipment	\$ 109,195,143	\$ 59,193,124	100%	\$ 59,193,124		\$ 59,193,124
4	354	Towers & Fixtures	\$ 276,919	\$ 302,866	100%	\$ 302,866		\$ 302,866
5	355	Poles & Fixtures	\$ 27,037,767	\$ 22,904,314	100%	\$ 22,904,314		\$ 22,904,314
6	356	Overhead Conductors & Devices	\$ 37,639,714	\$ 20,629,680	100%	\$ 20,629,680		\$ 20,629,680
7	357	Underground Conduit	\$ 1,540,142	\$ 932,289	100%	\$ 932,289		\$ 932,289
8	358	Underground Conductors & Devices	\$ 16,560,195	\$ 5,472,228	100%	\$ 5,472,228		\$ 5,472,228
9	359	Roads & Trails	\$ 34,404	\$ 818	100%	\$ 818		\$ 818
10		Total Transmission Plant	\$ 212,307,120	\$ 117,468,527	100%	\$ 117,468,527	\$0	\$ 117,468,527

Ohio Edison Company: 16-1820-EL-RDR  
5/31/2017 Actual Reserve for Accumulated Depreciation by Accounts and Subaccounts

Schedule B-3 (Actual)  
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NOTE: Column B contains actual reserve for accumulated depreciation balances as of 5/31/2017, adjusted to remove the cumulative pre-2007 impact of a change in pension accounting and incorporate recommendations from the March 2013, April 2014, April 2015, April 2016, and May 2017 Rider DCR Audit Reports. Column C shows jurisdictional allocation factors from Case No. 07-551-EL-AIR. Additional details on the adjustments in Column E are provided on the "Summary of Exclusions per Case No. 14-1297-EL-SSO: Actual 5/31/2017 Plant in Service Balances" workpaper.

Line No.	Account No.	Account Title	Total Company		Reserve Balances								
			Plant Investment		Total Company (B)	Allocation % (C)	Allocated Total (D) = (B) * (C)	Adjustments (E)	Adjusted Jurisdiction (F) = (D) + (E)				
			Sch B2.1 (A)	Column E (A)									
<u>DISTRIBUTION PLANT</u>													
11	360	Land & Land Rights	\$	12,612,694	\$	9,193	100%	\$	9,193	\$	9,193		
12	361	Structures & Improvements	\$	15,351,343	\$	5,852,979	100%	\$	5,852,979	\$	5,852,979		
13	362	Station Equipment	\$	263,068,228	\$	106,863,068	100%	\$	106,863,068	\$	106,863,068		
14	364	Poles, Towers & Fixtures	\$	503,877,457	\$	240,750,373	100%	\$	240,750,373	\$	240,750,373		
15	365	Overhead Conductors & Devices	\$	741,479,412	\$	186,557,371	100%	\$	186,557,371	\$	186,557,371		
16	366	Underground Conduit	\$	67,042,890	\$	25,689,055	100%	\$	25,689,055	\$	25,689,055		
17	367	Underground Conductors & Devices	\$	320,697,859	\$	81,154,339	100%	\$	81,154,339	\$	81,154,339		
18	368	Line Transformers	\$	495,570,466	\$	222,382,783	100%	\$	222,382,783	\$	222,382,783		
19	369	Services	\$	131,921,585	\$	82,653,739	100%	\$	82,653,739	\$	82,653,739		
20	370	Meters	\$	154,488,174	\$	31,320,031	100%	\$	31,320,031	\$	31,320,031		
21	371	Installation on Customer Premises	\$	24,648,334	\$	15,113,695	100%	\$	15,113,695	\$	15,113,695		
22	373	Street Lighting & Signal Systems	\$	74,530,832	\$	36,159,640	100%	\$	36,159,640	\$	36,159,640		
23	374	Asset Retirement Costs for Distribution Plant	\$	22,272	\$	14,053	100%	\$	14,053	\$	14,053		
24		Total Distribution Plant	\$	2,805,311,545	\$	1,034,520,318	100%	\$	1,034,520,318	\$	-	\$	1,034,520,318

Ohio Edison Company: 16-1820-EL-RDR  
5/31/2017 Actual Reserve for Accumulated Depreciation by Accounts and Subaccounts

Schedule B-3 (Actual)  
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NOTE: Column B contains actual reserve for accumulated depreciation balances as of 5/31/2017, adjusted to remove the cumulative pre-2007 impact of a change in pension accounting and incorporate recommendations from the March 2013, April 2014, April 2015, April 2016, and May 2017 Rider DCR Audit Reports. Column C shows jurisdictional allocation factors from Case No. 07-551-EL-AIR. Additional details on the adjustments in Column E are provided on the "Summary of Exclusions per Case No. 14-1297-EL-SSO: Actual 5/31/2017 Plant in Service Balances" workpaper.

Line No.	Account No.	Account Title	Total Company	Reserve Balances				
			Plant Investment	Total Company	Allocation %	Allocated Total	Adjustments	Adjusted Jurisdiction
			Sch B2.1 (Actual) Column E (A)					
<u>GENERAL PLANT</u>								
25	389	Land & Land Rights	\$ 3,257,286	\$ (74,752)	100%	\$ (74,752)		\$ (74,752)
26	390	Structures & Improvements	\$ 95,622,980	\$ 37,582,644	100%	\$ 37,582,644		\$ 37,582,644
27	390.3	Leasehold Improvements	\$ 108,959	\$ 108,959	100%	\$ 108,959		\$ 108,959
28	391.1	Office Furniture & Equipment	\$ 6,653,672	\$ 5,738,519	100%	\$ 5,738,519		\$ 5,738,519
29	391.2	Data Processing Equipment	\$ 9,443,821	\$ 3,188,060	100%	\$ 3,188,060		\$ 3,188,060
30	392	Transportation Equipment	\$ 2,809,627	\$ 292,879	100%	\$ 292,879		\$ 292,879
31	393	Stores Equipment	\$ 1,265,913	\$ 812,217	100%	\$ 812,217		\$ 812,217
32	394	Tools, Shop & Garage Equipment	\$ 15,761,755	\$ 3,027,806	100%	\$ 3,027,806		\$ 3,027,806
33	395	Laboratory Equipment	\$ 5,373,033	\$ 2,948,023	100%	\$ 2,948,023		\$ 2,948,023
34	396	Power Operated Equipment	\$ 3,911,639	\$ 3,412,992	100%	\$ 3,412,992		\$ 3,412,992
35	397	Communication Equipment	\$ 41,798,132	\$ 19,496,117	100%	\$ 19,496,117		\$ 19,496,117
36	398	Miscellaneous Equipment	\$ 413,561	\$ 237,861	100%	\$ 237,861		\$ 237,861
37	399.1	Asset Retirement Costs for General Plant	\$ 303,410	\$ 195,404	100%	\$ 195,404		\$ 195,404
38		Total General Plant	\$ 186,723,788	\$ 76,966,728	100%	\$ 76,966,728	\$ -	\$ 76,966,728

Ohio Edison Company: 16-1820-EL-RDR  
5/31/2017 Actual Reserve for Accumulated Depreciation by Accounts and Subaccounts

Schedule B-3 (Actual)  
Page 4 of 4

NOTE: Column B contains actual reserve for accumulated depreciation balances as of 5/31/2017, adjusted to remove the cumulative pre-2007 impact of a change in pension accounting and incorporate recommendations from the March 2013, April 2014, April 2015, April 2016, and May 2017 Rider DCR Audit Reports. Column C shows jurisdictional allocation factors from Case No. 07-551-EL-AIR. Additional details on the adjustments in Column E are provided on the "Summary of Exclusions per Case No. 14-1297-EL-SSO: Actual 5/31/2017 Plant in Service Balances" workpaper.

Line No.	Account No.	Account Title	Total Company	Reserve Balances				
			Plant Investment	Total Company	Allocation %	Allocated Total	Adjustments	Adjusted Jurisdiction
			Sch B2.1 (Actual) Column E (A)					
<u>OTHER PLANT</u>								
39	301	Organization	\$ 89,746	\$ 39,804	100%	\$ 39,804		\$ 39,804
40	303	Intangible Software	\$ 83,513,004	\$ 61,576,330	100%	\$ 61,576,330		\$ 61,576,330
41	303	Intangible FAS 109 Transmission	\$ 2,023,278	\$ 697,049	100%	\$ 697,049		\$ 697,049
42	303	Intangible FAS 109 Distribution	\$ 1,531,123	\$ 1,499,312	100%	\$ 1,499,312		\$ 1,499,312
43	303	Intangible FAS 109 General	\$ 199,091	\$ 186,685	100%	\$ 186,685		\$ 186,685
44		Total Other Plant	\$ 87,356,242	\$ 63,999,180		\$ 63,999,180	\$ -	\$ 63,999,180
45		Removal Work in Progress (RWIP)		\$ (3,774,891)	100%	\$ (3,774,891)		\$ (3,774,891)
46		Company Total Plant (Reserve)	<u>\$ 3,291,698,695</u>	<u>\$ 1,289,179,862</u>	100%	<u>\$ 1,289,179,862</u>	<u>\$ -</u>	<u>\$ 1,289,179,862</u>
47		Service Company Reserve Allocated*						\$ 60,906,423
48		Grand Total Plant (Reserve) (46 + 47)						<u>\$ 1,350,086,284</u>

\* Source: Line 3 of the "Service Company Allocations to the Ohio Operating Companies (Actual)" workpaper.

The Cleveland Electric Illuminating Company: 16-1819-EL-RDR  
 Ohio Edison Company: 16-1820-EL-RDR  
 The Toledo Edison Company: 16-1821-EL-RDR

FirstEnergy Companies  
 ADIT Balances (281 & 282 Property Accounts) - Actual

	<u>CEI</u>	<u>OE</u>	<u>TE</u>	<u>SC</u>
(1) Ending Bal. 5/31/2017*	471,612,943	591,018,778	149,198,177	56,419,864
(2) Service Company Allocated ADIT**	\$ 8,017,263	\$ 9,715,501	\$ 4,276,626	
(3) Grand Total ADIT Balance***	<u>\$ 479,630,205</u>	<u>\$ 600,734,279</u>	<u>\$ 153,474,803</u>	

\*Source: Actual 5/31/2017 balances.

\*\* Line 4 of the "Service Company Allocations to the Ohio Operating Companies (Actual)" workpaper.

\*\*\* Calculation : Line 1 + Line 2

Ohio Edison Company: 16-1820-EL-RDR  
Annual Depreciation Expense on Actual Plant Balances as of May 31, 2017

Schedule B-3.2 (Actual)  
Page 1 of 4

NOTE: Column F is from Case No. 07-551-EL-AIR.

Line No.	Account No.	Account Title	Adjusted Jurisdiction		Current Accrual Rate	Calculated Depr. Expense
			Plant Investment Sch. B-2.1 (Actual) (D)	Reserve Balance Sch. B-3 (Actual) (E)		
(A)	(B)	(C)	(D)	(E)	(F)	(G=DxF)
<u>TRANSMISSION PLANT</u>						
1	350	Land & Land Rights	\$ 8,266,521	\$ 22,598	0.00%	\$ -
2	352	Structures & Improvements	\$ 11,756,316	\$ 8,010,610	2.06%	\$ 242,180
3	353	Station Equipment	\$ 109,195,143	\$ 59,193,124	2.20%	\$ 2,402,293
4	354	Towers & Fixtures	\$ 276,919	\$ 302,866	1.82%	\$ 5,040
5	355	Poles & Fixtures	\$ 27,037,767	\$ 22,904,314	2.98%	\$ 805,725
6	356	Overhead Conductors & Devices	\$ 37,639,714	\$ 20,629,680	2.55%	\$ 959,813
7	357	Underground Conduit	\$ 1,540,142	\$ 932,289	1.67%	\$ 25,720
8	358	Underground Conductors & Devices	\$ 16,560,195	\$ 5,472,228	2.00%	\$ 331,204
9	359	Roads & Trails	\$ 34,404	\$ 818	0.00%	\$ -
10		Total Transmission	\$ 212,307,120	\$ 117,468,527		\$ 4,771,975

Ohio Edison Company: 16-1820-EL-RDR  
Annual Depreciation Expense on Actual Plant Balances as of May 31, 2017

Schedule B-3.2 (Actual)  
Page 2 of 4

NOTE: Column F is from Case No. 07-551-EL-AIR.

Line No.	Account No.	Account Title	Adjusted Jurisdiction		Current Accrual Rate	Calculated Depr. Expense
			Plant Investment Sch. B-2.1 (Actual) (D)	Reserve Balance Sch. B-3 (Actual) (E)		
(A)	(B)	(C)	(D)	(E)	(F)	(G=DxF)
<u>DISTRIBUTION PLANT</u>						
11	360	Land & Land Rights	\$ 12,612,694	\$ 9,193	0.00%	\$ -
12	361	Structures & Improvements	\$ 15,351,343	\$ 5,852,979	2.45%	\$ 376,108
13	362	Station Equipment	\$ 263,068,228	\$ 106,863,068	2.55%	\$ 6,708,240
14	364	Poles, Towers & Fixtures	\$ 503,877,457	\$ 240,750,373	2.93%	\$ 14,763,609
15	365	Overhead Conductors & Devices	\$ 741,479,412	\$ 186,557,371	2.70%	\$ 20,019,944
16	366	Underground Conduit	\$ 67,042,890	\$ 25,689,055	1.50%	\$ 1,005,643
17	367	Underground Conductors & Devices	\$ 320,697,859	\$ 81,154,339	2.07%	\$ 6,638,446
18	368	Line Transformers	\$ 495,570,466	\$ 222,382,783	3.50%	\$ 17,344,966
19	369	Services	\$ 131,921,585	\$ 82,653,739	3.13%	\$ 4,129,146
20	370	Meters	\$ 154,488,174	\$ 31,320,031	3.24%	\$ 5,005,417
21	371	Installation on Customer Premises	\$ 24,648,334	\$ 15,113,695	4.44%	\$ 1,094,386
22	373	Street Lighting & Signal Systems	\$ 74,530,832	\$ 36,159,640	4.20%	\$ 3,130,295
23	374	Asset Retirement Costs for Distribution Plant	\$ 22,272	\$ 14,053	0.00%	\$ -
24		Total Distribution	\$ 2,805,311,545	\$ 1,034,520,318		\$ 80,216,200

Ohio Edison Company: 16-1820-EL-RDR  
Annual Depreciation Expense on Actual Plant Balances as of May 31, 2017

Schedule B-3.2 (Actual)  
Page 3 of 4

NOTE: Column F is from Case No. 07-551-EL-AIR.

Line No.	Account No.	Account Title	Adjusted Jurisdiction		Current Accrual Rate	Calculated Depr. Expense
			Plant Investment Sch. B-2.1 (Actual) (D)	Reserve Balance Sch. B-3 (Actual) (E)		
(A)	(B)	(C)	(D)	(E)	(F)	(G=DxF)
<u>GENERAL PLANT</u>						
25	389	Land & Land Rights	\$ 3,257,286	\$ (74,752)	0.00%	\$ -
26	390	Structures & Improvements	\$ 95,622,980	\$ 37,582,644	2.50%	\$ 2,390,575
27	390.3	Leasehold Improvements	\$ 108,959	\$ 108,959	20.78%	\$ 22,642
28	391.1	Office Furniture & Equipment	\$ 6,653,672	\$ 5,738,519	3.80%	\$ 252,840
29	391.2	Data Processing Equipment	\$ 9,443,821	\$ 3,188,060	17.00%	\$ 1,605,450
30	392	Transportation Equipment	\$ 2,809,627	\$ 292,879	7.31%	\$ 205,384
31	393	Stores Equipment	\$ 1,265,913	\$ 812,217	2.56%	\$ 32,407
32	394	Tools, Shop & Garage Equipment	\$ 15,761,755	\$ 3,027,806	3.17%	\$ 499,648
33	395	Laboratory Equipment	\$ 5,373,033	\$ 2,948,023	3.80%	\$ 204,175
34	396	Power Operated Equipment	\$ 3,911,639	\$ 3,412,992	3.48%	\$ 136,125
35	397	Communication Equipment	\$ 41,798,132	\$ 19,496,117	5.00%	\$ 2,089,907
36	398	Miscellaneous Equipment	\$ 413,561	\$ 237,861	4.00%	\$ 16,542
37	399.1	Asset Retirement Costs for General Plant	\$ 303,410	\$ 195,404	0.00%	\$ -
38		Total General	\$ 186,723,788	\$ 76,966,728		\$ 7,455,695



Ohio Edison Company: 16-1820-EL-RDR  
Annual Depreciation Expense on Actual Plant Balances as of May 31, 2017

Schedule B-3.2 (Actual)  
Page 4 of 4

NOTE: Column F is from Case No. 07-551-EL-AIR.

Line No.	Account No.	Account Title	Adjusted Jurisdiction		Current Accrual Rate	Calculated Depr. Expense
			Plant Investment Sch. B-2.1 (Actual) (D)	Reserve Balance Sch. B-3 (Actual) (E)		
(A)	(B)	(C)	(D)	(E)	(F)	(G=DxF)
<u>OTHER PLANT</u>						
39	301	Organization	\$ 89,746	\$ 39,804	0.00%	*
40	303	Intangible Software	\$ 83,513,004	\$ 61,576,330	14.29%	*
41	303	Intangible FAS 109 Transmission	\$ 2,023,278	\$ 697,049	2.33%	*
42	303	Intangible FAS 109 Distribution	\$ 1,531,123	\$ 1,499,312	2.89%	*
43	303	Intangible FAS 109 General	\$ 199,091	\$ 186,685	3.87%	*
44		Total Other	\$ 87,356,242	\$ 63,999,180		\$ 5,395,342
45		Removal Work in Progress (RWIP)		(3,774,891)		
46		Company Total Depreciation	\$ 3,291,698,695	\$ 1,289,179,862		\$ 97,839,212
47		Incremental Depreciation Associated with Allocated Service Company Plant **	\$ 120,487,452	\$ 60,906,423		\$ 5,962,003
48		GRAND TOTAL (46 + 47)	<u>\$ 3,412,186,147</u>	<u>\$ 1,350,086,284</u>		<u>\$ 103,801,215</u>

\* Please see the "Intangible Depreciation Expense Calculation: Actual 5/31/2017 Balances" workpaper for more details behind the calculation of depreciation expense associated with Intangible Plant.

\*\* Source: Line 6 of the "Service Company Allocations to the Ohio Operating Companies (Actual)" workpaper.

## Annual Property Tax Expense on Actual Plant Balances as of May 31, 2017

Schedule C-3.10a (Actual)

Page 1 of 1

Line No.	Description	Jurisdictional Amount
1	Personal Property Taxes - See Schedule C-3.10a1 (Actual)	\$ 88,782,589
2	Real Property Taxes - See Schedule C-3.10a2 (Actual)	\$ 1,478,750
3	Incremental Property Tax Associated with Allocated Service Company Plant *	<u>\$ 72,740</u>
4	Total Property Taxes (1 + 2 + 3)	<u><u>\$ 90,334,080</u></u>

\* Source: Line 7 of the "Service Company Allocations to the Ohio Operating Companies (Actual)" workpaper.

## Annual Personal Property Tax Expense on Actual Plant Balances as of May 31, 2017

Schedule C-3.10a1 (Actual)

Page 1 of 1

Line No.	Description	Jurisdictional Amount		
		Transmission Plant	Distribution Plant	General Plant
1	Jurisdictional Plant in Service (a)	\$ 212,307,120	\$ 2,805,311,545	\$ 186,723,788
2	Jurisdictional Real Property (b)	\$ 20,022,836	\$ 27,964,037	\$ 98,989,225
3	Jurisdictional Personal Property (1 - 2)	\$ 192,284,284	\$ 2,777,347,509	\$ 87,734,563
	<u>Exclusions and Exemptions</u>			
4	Capitalized Asset Retirement Costs (a)	\$ -	\$ 22,272	\$ 303,410
5	Exempt Facilities (c)	\$ 575,438	\$ 2,655,801	\$ -
6	Real Property Classified as Personal Property (c)	\$ -	\$ 179,795,456	\$ -
7	Licensed Motor Vehicles (c)	\$ -	\$ -	\$ 3,889,004
8	Capitalized Interest (f)	\$ 13,521,431	\$ 114,870,537.49	\$ -
9	Total Exclusions and Exemptions (4 thru 8)	\$ 14,096,869	\$ 297,344,067	\$ 4,192,414
10	Net Cost of Taxable Personal Property (3 - 9)	\$ 178,187,415	\$ 2,480,003,442	\$ 83,542,149
11	True Value Percentage (c)	36.7014%	46.2442%	40.0657%
12	True Value of Taxable Personal Property (10 x 11)	\$ 65,397,276	\$ 1,146,857,752	\$ 33,471,747
13	Assessment Percentage (d)	85.00%	85.00%	24.00%
14	Assessment Value (12 x 13)	\$ 55,587,685	\$ 974,829,089	\$ 8,033,219
15	Personal Property Tax Rate (e)	8.4914150%	8.4914150%	8.4914150%
16	Personal Property Tax (14 x 15)	\$ 4,720,181	\$ 82,776,783	\$ 682,134
17	State Mandated Software Adjustment (c)	\$ -	\$ -	\$ 603,491
18	Total Personal Property Tax (16 + 17)			\$ 88,782,589

(a) Schedule B-2.1 (Actual)

(b) Schedule B-2.1 (Actual), Accounts 350, 352, 360, 361, 389, 390 and 390.3

(c) Source: OE's most recent Ohio Annual Property Tax Return Filing

(d) Statutory Assessment for Personal Property

(e) Estimated tax rate for Personal Property based on the most recent Ohio Annual Property Tax Return Filing

(f) Calculation: Line 3 x Percentage from the most recent Ohio Annual Property Tax Return Filing

## Annual Real Property Tax Expense on Actual Plant Balances as of May 31, 2017

Schedule C-3.10a2 (Actual)

Page 1 of 1

Line No.	Description	Jurisdictional Amount		
		Transmission Plant	Distribution Plant	General Plant
1	Jurisdictional Real Property (a)	\$ 20,022,836	\$ 27,964,037	\$ 98,989,225
2	Real Property Tax Rate (b)	<u>1.006116%</u>	<u>1.006116%</u>	<u>1.006116%</u>
3	Real Property Tax (1 x 2)	\$ 201,453	\$ 281,351	\$ 995,947
4	Total Real Property Tax (Sum of 3)			<u><u>\$ 1,478,750</u></u>

(a) Schedule C-3.10a1 (Actual)

(b) Estimated tax rate for Real Estate based on the most recent Ohio Annual Property Tax Return Filing.

Calculated as follows:

(1) Real Property Capitalized Cost	\$ 227,294,730	Book cost of real property used to compare to assessed value of real property to derive a true value percentage Calculation: (2) / (1)
(2) Real Property Taxes Paid	<u>\$2,286,849</u>	
(3) Real Property Tax Rate (Paid vs. Capital Costs)	<u><u>1.006116%</u></u>	

The Cleveland Electric Illuminating Company: 16-1819-EL-RDR  
 Ohio Edison Company: 16-1820-EL-RDR  
 The Toledo Edison Company: 16-1821-EL-RDR

**Summary of Exclusions per Case No. 14-1297-EL-SSO  
 Actual 5/31/2017 Plant in Service Balances**

**General Adjustments**

ATSI Land Lease Certain amounts (summarized below) in account 350 are associated with land leased to ATSI, FirstEnergy's transmission subsidiary. Consistent with Case No. 07-551-EL-AIR, these amounts are not jurisdictional to distribution related plant in service, and have been excluded accordingly for each operating company. There is no accumulated depreciation reserve associated with land.

FERC Account 350	CEI	OE	TE
Gross Plant	\$ 56,405,971	\$ 86,982,409	\$ 15,628,438
Reserve	\$ -	\$ -	\$ -

**ESP IV Adjustments**

Consistent with prior ESPs, "capital additions recovered through Riders LEX, EDR, and AMI will be identified and excluded from Rider DCR and the annual cap allowance" during ESP IV.

AMI Only CEI has an AMI project so this exclusion does not impact OE or TE.  
 Source: 5/31/2017 Actual Plant Balances  
 Exclusions related to Rider AMI are determined by specific depreciation groups in PowerPlant and WBS CE-004000

FERC Account	CEI	
	Gross	Reserve
303	\$ (1,795,318)	\$ (87,066)
362	\$ 5,407,078	\$ 1,448,624
364	\$ 172,493	\$ 47,288
365	\$ 1,551,648	\$ 893,570
367	\$ 12,671	\$ 2,635
368	\$ 188,843	\$ 90,317
370	\$ 17,176,055	\$ 6,124,483
397	\$ 4,790,098	\$ 1,658,987
Grand Total	\$ 27,503,568	\$ 10,178,839

LEX As implemented by the Companies, Rider LEX will recover deferred expenses associated with lost up-front line extension payments from 2009-2011. These deferred expenses are recorded as a regulatory asset, not as plant in service, on the Companies' books. Therefore, there is no adjustment to plant in service associated with Rider LEX.

EDR Exclusions related to Rider EDR(g) are determined by the WBS CE-000303.

FERC Account	CEI	
	Gross	Reserve
353	\$ (11,566)	\$ (743)
356	\$ 704	\$ 19
358	\$ 29,179	\$ 1,160
360	\$ 18,567	\$ -
362	\$ (14,671)	\$ 1,370
364	\$ (36,477)	\$ (6,268)
365	\$ (19,816)	\$ (1,725)
366	\$ 58,187	\$ 2,379
367	\$ (77,952)	\$ 8,463
368	\$ (32,380)	\$ (1,031)
369	\$ (796)	\$ (8)
370	\$ 23,997	\$ 694
371	\$ (6,159)	\$ (928)
373	\$ (2,721)	\$ (440)
390	\$ (0)	\$ 225
Grand Total	\$ (71,905)	\$ 3,166

The Cleveland Electric Illuminating Company: 16-1819-EL-RDR  
 Ohio Edison Company: 16-1820-EL-RDR  
 The Toledo Edison Company: 16-1821-EL-RDR

**Service Company Allocations to the Ohio Operating Companies (Actual)**

	(A)	(B)	(C)	(D)	(E)
	Service Company	CEI	OE	TE	TOTAL
(1) Allocation Factors from Case 07-551		14.21%	17.22%	7.58%	
(2) Gross Plant	\$ 699,694,843	\$ 99,426,637	\$ 120,487,452	\$ 53,036,869	\$ 272,950,958
(3) Reserve	\$ 353,695,836	\$ 50,260,178	\$ 60,906,423	\$ 26,810,144	\$ 137,976,746
(4) ADIT	\$ 56,419,864	\$ 8,017,263	\$ 9,715,501	\$ 4,276,626	\$ 22,009,389
(5) <b>Rate Base</b>		<b>\$ 41,149,196</b>	<b>\$ 49,865,528</b>	<b>\$ 21,950,099</b>	<b>\$ 112,964,823</b>
(6) Depreciation Expense (Incremental)		\$ 4,919,864	\$ 5,962,003	\$ 2,624,389	\$ 13,506,257
(7) Property Tax Expense (Incremental)		\$ 60,026	\$ 72,740	\$ 32,019	\$ 164,785
(8) <b>Total Expenses</b>		<b>\$ 4,979,890</b>	<b>\$ 6,034,743</b>	<b>\$ 2,656,409</b>	<b>\$ 13,671,042</b>

- (2) Gross Plant = Actual Service Company General and Intangible plant in-service as of 5/31/2017, adjusted to incorporate recommendations from the March 2013, April 2014, April 2015, April 2016, and May 2017 Rider DCR audit reports.
- (3) Reserve = Actual Service Company General and Intangible Plant depreciation reserve as of 5/31/2017, adjusted to incorporate recommendations from the March 2013, April 2014, April 2015, April 2016, and May 2017 Rider DCR audit reports.
- (4) ADIT: Actual ADIT Balances as of 5/31/2017.
- (5) Rate Base = Gross Plant - Reserve - ADIT
- (6) Estimated incremental depreciation expense. Additional details provided on "Incremental Depreciation and Property Tax Associated with Service Company Plant: Case No. 07-551-EL-AIR vs. Actual 5/31/2017"
- (7) Estimated incremental property tax expense. Additional details provided on "Incremental Depreciation and Property Tax Associated with Service Company Plant: Case No. 07-551-EL-AIR vs. Actual 5/31/2017"
- (8) Total Expenses = Depreciation Expense + Property Tax Expense

All Service Company Allocations for Gross Plant and Reserve can be found on Sch B2.1 (Actual) and Sch B3 (Actual), respectively, in order to determine the Grand Totals shown on the "Rider DCR Actual Distribution Rate Base Additions as of 5/31/2017: Revenue Requirement" worksheet.

**Depreciation Rate for Service Company Plant (Actual)**

**I. Estimated Depreciation Accrual Rate for Service Company Plant as of May 31, 2007**

Line No.	(A) Account	(B) Account Description	(D) 5/31/2007			(G) Accrual Rates				(J) Depreciation Expense
			(C) Gross	(E) Reserve	(F) Net	(H) CEI	(I) OE	(J) TE	(K) Average	
1	Allocation Factors					14.21%	17.22%	7.58%	39.01%	
2	Weighted Allocation Factors					36.43%	44.14%	19.43%	100.00%	
<b>GENERAL PLANT</b>										
3	389	Fee Land & Easements	\$ 556,979	\$ -	\$ 556,979	0.00%	0.00%	0.00%	0.00%	\$ -
4	390	Structures, Improvements *	\$ 21,328,601	\$ 7,909,208	\$ 13,419,393	2.20%	2.50%	2.20%	2.33%	\$ 497,474
5	390.3	Struct Imprv, Leasehold Imp **	\$ 6,938,688	\$ 1,006,139	\$ 5,932,549	22.34%	20.78%	0.00%	21.49%	\$ 1,490,798
6	391.1	Office Furn., Mech. Equip.	\$ 31,040,407	\$ 24,400,266	\$ 6,640,141	7.60%	3.80%	3.80%	5.18%	\$ 1,609,200
7	391.2	Data Processing Equipment	\$ 117,351,991	\$ 26,121,795	\$ 91,230,196	10.56%	17.00%	9.50%	13.20%	\$ 15,486,721
8	392	Transportation Equipment	\$ 11,855	\$ 1,309	\$ 10,546	6.07%	7.31%	6.92%	6.78%	\$ 804
9	393	Stores Equipment	\$ 16,787	\$ 1,447	\$ 15,340	6.67%	2.56%	3.13%	4.17%	\$ 700
10	394	Tools, Shop, Garage Equip.	\$ 11,282	\$ 506	\$ 10,776	4.62%	3.17%	3.33%	3.73%	\$ 421
11	395	Laboratory Equipment	\$ 127,988	\$ 11,126	\$ 116,862	2.31%	3.80%	2.86%	3.07%	\$ 3,935
12	396	Power Operated Equipment	\$ 160,209	\$ 20,142	\$ 140,067	4.47%	3.48%	5.28%	4.19%	\$ 6,713
13	397	Communication Equipment ***	\$ 56,845,501	\$ 32,304,579	\$ 24,540,922	7.50%	5.00%	5.88%	6.08%	\$ 3,457,148
14	398	Misc. Equipment	\$ 465,158	\$ 27,982	\$ 437,176	6.67%	4.00%	3.33%	4.84%	\$ 22,525
15	399.1	ARC General Plant	\$ 40,721	\$ 16,948	\$ 23,773	0.00%	0.00%	0.00%	0.00%	\$ -
16			\$ 234,896,167	\$ 91,821,447	\$ 143,074,720					\$ 22,576,438
<b>INTANGIBLE PLANT</b>										
17	301	Organization	\$ 49,344	\$ 49,344	\$ -	0.00%	0.00%	0.00%	0.00%	\$ -
18	303	Misc. Intangible Plant	\$ 75,721,715	\$ 46,532,553	\$ 29,189,162	14.29%	14.29%	14.29%	14.29%	\$ 10,820,633
19	303	Katz Software	\$ 1,268,271	\$ 1,027,642	\$ 240,630	14.29%	14.29%	14.29%	14.29%	\$ 181,236
20	303	Software 1999	\$ 10,658	\$ 4,881	\$ 5,777	14.29%	14.29%	14.29%	14.29%	\$ 1,523
21	303	Software GPU SC00	\$ 2,343,368	\$ 2,343,368	\$ -	14.29%	14.29%	14.29%	14.29%	\$ -
22	303	Impairment June 2000	\$ 77	\$ 77	\$ (0)	14.29%	14.29%	14.29%	14.29%	\$ -
23	303	3 year depreciable life	\$ 55,645	\$ 14,684	\$ 40,961	14.29%	14.29%	14.29%	14.29%	\$ 7,952
24	303	Debt Gross-up (FAS109): General	\$ 117,298	\$ 117,298	\$ -	3.87%	3.87%	3.87%	3.87%	\$ -
25	303	Debt Gross-up (FAS109): G/P Land	\$ 1,135	\$ 1,137	\$ (2)	3.87%	3.87%	3.87%	3.87%	\$ -
26			\$ 79,567,511	\$ 50,090,984	\$ 29,476,527					\$ 11,011,344
27	<b>TOTAL - GENERAL &amp; INTANGIBLE</b>		\$ 314,463,678	\$ 141,912,431	\$ 172,551,247				<b>10.68%</b>	<b>\$ 33,587,782</b>

**NOTES**

(C) - (E) Service Company plant balances as of May 31, 2007.

(F) - (H) Source: Case No. 07-551-EL-AIR. Staff workpapers, Schedule B3.2.

In Case No. 07-551-EL-AIR, CEI and TE did not have an accrual rate for Account 303 (FAS 109 - General). Assumed to be the same as OE.

(I) Weighted average of columns F through H based on Service Company allocation factors on Line 2.

Assumes that the accrual rate, by account, for Service Company plant is equal to the weighted average of the three operating companies.

(J) Estimated depreciation expense associated with Service Company plant as of 5/31/07. Calculation: Column C x Column I.

\* Includes accounts 390.1 and 390.2.

\*\* Weighted average accrual rate is taken over CEI and OE only. (TE had no balance in Case No. 07-551-EL-AIR).

\*\*\* Includes accounts 397 and 397.1

The Cleveland Electric Illuminating Company: 16-1819-EL-RDR  
Ohio Edison Company: 16-1820-EL-RDR  
The Toledo Edison Company: 16-1821-EL-RDR

### Depreciation Rate for Service Company Plant (Actual)

#### II. Estimated Depreciation Accrual Rate for Actual Service Company Plant as of May 31, 2017

Line No.	(A) Account	(B) Account Description	(C) (D) (E) 5/31/2017 Actual Balances			(F) (G) (H) (I) Accrual Rates				(J) Depreciation Expense
			Gross	Reserve	Net	CEI	OE	TE	Average	
28	Allocation Factors					14.21%	17.22%	7.58%	39.01%	
29	Weighted Allocation Factors					36.43%	44.14%	19.43%	100.00%	
<b>GENERAL PLANT</b>										
30	389	Fee Land & Easements	\$ 230,947	\$ -	\$ 230,947	0.00%	0.00%	0.00%	0.00%	\$ -
31	390	Structures, Improvements *	\$ 47,568,565	\$ 24,527,727	\$ 23,040,837	2.20%	2.50%	2.20%	2.33%	\$ 1,109,502
32	390.3	Struct Imprv, Leasehold Imp **	\$ 14,864,265	\$ 7,422,973	\$ 7,441,292	22.34%	20.78%	0.00%	21.49%	\$ 3,193,632
33	391.1	Office Furn., Mech. Equip.	\$ 18,728,558	\$ 10,254,658	\$ 8,473,900	7.60%	3.80%	3.80%	5.18%	\$ 970,928
34	391.2	Data Processing Equipment	\$ 150,005,999	\$ 41,923,804	\$ 108,082,195	10.56%	17.00%	9.50%	13.20%	\$ 19,796,008
35	392	Transportation Equipment	\$ 655,175	\$ 193,027	\$ 462,148	6.07%	7.31%	6.92%	6.78%	\$ 44,437
36	393	Stores Equipment	\$ 16,715	\$ 7,120	\$ 9,595	6.67%	2.56%	3.13%	4.17%	\$ 697
37	394	Tools, Shop, Garage Equip.	\$ 199,565	\$ 21,036	\$ 178,529	4.62%	3.17%	3.33%	3.73%	\$ 7,442
38	395	Laboratory Equipment	\$ 108,485	\$ 29,314	\$ 79,172	2.31%	3.80%	2.86%	3.07%	\$ 3,335
39	396	Power Operated Equipment	\$ 424,994	\$ 88,287	\$ 336,708	4.47%	3.48%	5.28%	4.19%	\$ 17,809
40	397	Communication Equipment ***	\$ 113,311,006	\$ 37,212,886	\$ 76,098,120	7.50%	5.00%	5.88%	6.08%	\$ 6,891,186
41	398	Misc. Equipment	\$ 3,214,566	\$ 1,028,735	\$ 2,185,832	6.67%	4.00%	3.33%	4.84%	\$ 155,662
42	399.1	ARC General Plant	\$ 40,721	\$ 26,225	\$ 14,496	0.00%	0.00%	0.00%	0.00%	\$ -
43			\$ 349,369,563	\$ 122,735,792	\$ 226,633,771					\$ 32,190,639
<b>INTANGIBLE PLANT</b>										
44	301	FECO 101/6-301 Organization Fst	\$ 49,344	\$ 49,344	\$ -	0.00%	0.00%	0.00%	0.00%	\$ -
45	303	FECO 101/6 303 Intangibles	\$ 4,620,264	\$ 9,419,533	\$ (4,799,268)	14.29%	14.29%	14.29%	14.29%	\$ -
46	303	FECO 101/6-303 Katz Software	\$ 1,268,271	\$ 1,268,271	\$ -	14.29%	14.29%	14.29%	14.29%	\$ -
47	303	FECO 101/6-303 2003 Software	\$ 24,400,196	\$ 24,400,196	\$ -	14.29%	14.29%	14.29%	14.29%	\$ -
48	303	FECO 101/6-303 2004 Software	\$ 12,676,215	\$ 12,676,215	\$ -	14.29%	14.29%	14.29%	14.29%	\$ -
49	303	FECO 101/6-303 2005 Software	\$ 1,086,776	\$ 1,086,776	\$ -	14.29%	14.29%	14.29%	14.29%	\$ -
50	303	FECO 101/6-303 2006 Software	\$ 5,680,002	\$ 5,680,002	\$ -	14.29%	14.29%	14.29%	14.29%	\$ -
51	303	FECO 101/6-303 2007 Software	\$ 7,245,250	\$ 7,245,250	\$ -	14.29%	14.29%	14.29%	14.29%	\$ -
52	303	FECO 101/6-303 2008 Software	\$ 7,404,178	\$ 7,404,178	\$ -	14.29%	14.29%	14.29%	14.29%	\$ -
53	303	FECO 101/6-303 2009 Software	\$ 15,969,099	\$ 15,969,099	\$ -	14.29%	14.29%	14.29%	14.29%	\$ -
54	303	FECO 101/6-303 2010 Software	\$ 19,353,964	\$ 19,140,970	\$ 212,994	14.29%	14.29%	14.29%	14.29%	\$ 212,994
55	303	FECO 101/6-303 2011 Software	\$ 53,742,285	\$ 45,184,707	\$ 8,557,578	14.29%	14.29%	14.29%	14.29%	\$ 7,679,772
56	303	FECO 101/6-303 2012 Software	\$ 38,042,303	\$ 25,274,092	\$ 12,768,211	14.29%	14.29%	14.29%	14.29%	\$ 5,436,245
57	303	FECO 101/6-303 2013 Software	\$ 79,856,605	\$ 39,389,381	\$ 40,467,224	14.29%	14.29%	14.29%	14.29%	\$ 11,411,509
58	303	FECO 101/6-303 2014 Software	\$ 24,001,063	\$ 8,786,570	\$ 15,214,492	14.29%	14.29%	14.29%	14.29%	\$ 3,429,752
59	303	FECO 101/6-303 2015 Software	\$ 30,924,542	\$ 6,359,366	\$ 24,565,177	14.29%	14.29%	14.29%	14.29%	\$ 4,419,117
60	304	FECO 101/6-303 2016 Software	\$ 23,536,222	\$ 1,716,132	\$ 21,820,090	14.29%	14.29%	14.29%	14.29%	\$ 3,363,326
61	304	FECO 101/6-303 2017 Software	\$ 468,700	\$ 5,511	\$ 463,189	14.29%	14.29%	14.29%	14.29%	\$ 66,977
62			\$ 350,325,280	\$ 231,055,593	\$ 119,269,686					\$ 36,019,692
63	Removal Work in Progress (RWIP)		\$ (95,550)							
64	<b>TOTAL - GENERAL &amp; INTANGIBLE</b>		\$ 699,694,843	\$ 353,695,836	\$ 345,903,457					<b>9.75% \$ 68,210,331</b>

#### NOTES

(C) - (E) Service Company plant balances as of May 31, 2017 adjusted to incorporate recommendations from the March 2013, April 2014, April 2015, April 2016, and May 2017 Rider DCR audit reports.

(F) - (H) Source: Schedule B3.2 (Actual).

(I) Weighted average of columns F through H based on Service Company allocation factors on Line 29.

Assumes that the accrual rate, by account, for Service Company plant is equal to the weighted average of the three operating companies.

(J) Estimated depreciation expense associated with Service Company plant as of 5/31/2017. Calculation: Column C x Column I.

\* Includes accounts 390.1 and 390.2.

\*\* Weighted average accrual rate is taken over CEI and OE only. (TE had no balance in Case No. 07-551-EL-AIR).

\*\*\* Includes accounts 397 and 397.1



The Cleveland Electric Illuminating Company: 16-1819-EL-RDR  
Ohio Edison Company: 16-1820-EL-RDR  
The Toledo Edison Company: 16-1821-EL-RDR

### Property Tax Rate for Service Company Plant (Actual)

#### I. Average Real Property Tax Rates on General Plant as of May 31, 2007 \*

No.	(A) Category	(B) CEI	(C) OE	(D) TE	(E) Average **	(F) Source / Calculation
1	Allocation Factors	14.21%	17.22%	7.58%	39.01%	"Service Company Allocations to the Ohio Operating Companies (Actual)" workpaper.
2	Weighted Allocation Factors	36.43%	44.14%	19.43%	100.00%	Weighted Line 1
<u>Real Property Tax</u>						
3	True Value Percentage	72.69%	62.14%	49.14%	63.45%	Case No. 07-551-EL-AIR.
4	Assessment Percentage	35.00%	35.00%	35.00%	35.00%	Case No. 07-551-EL-AIR.
5	Real Property Tax Rate	7.23%	6.04%	7.23%	6.70%	Case No. 07-551-EL-AIR.
6	Average Rate	1.84%	1.31%	1.24%	1.49%	Line 3 x Line 4 x Line 5
<p>* Note: Effective with an Ohio tax law change in 2005, non-utilities do not pay Personal Property Tax. Accordingly, for purposes of determining the average Property Tax rate applicable to Service Company plant, only Real Property Tax is considered.</p> <p>** Weighted average based on Service Company allocation factors.</p> <p>Assumes that the tax rate for Service Company plant is equal to the weighted average of the three operating companies.</p>						

#### II. Estimated Property Tax Rate for Service Company General Plant as of May 31, 2007

No.	(A) Account	(B) Account Description	(C) Tax Category	(D) Avg. Tax Rate	(E) Gross Plant	(F) Property Tax
7	389	Fee Land & Easements	Real	1.49%	\$ 556,979	\$ 8,294
8	390	Structures, Improvements	Real	1.49%	\$ 21,328,601	\$ 317,594
9	390.3	Struct Imprv, Leasehold Imp	Real	1.49%	\$ 6,938,688	\$ 103,321
10	391.1	Office Furn., Mech. Equip.	Personal		\$ 31,040,407	\$ -
11	391.2	Data Processing Equipment	Personal		\$ 117,351,991	\$ -
12	392	Transportation Equipment	Personal		\$ 11,855	\$ -
13	393	Stores Equipment	Personal		\$ 16,787	\$ -
14	394	Tools, Shop, Garage Equip.	Personal		\$ 11,282	\$ -
15	395	Laboratory Equipment	Personal		\$ 127,988	\$ -
16	396	Power Operated Equipment	Personal		\$ 160,209	\$ -
17	397	Communication Equipment	Personal		\$ 56,845,501	\$ -
18	398	Misc. Equipment	Personal		\$ 465,158	\$ -
19	399.1	ARC General Plant	Personal		\$ 40,721	\$ -
20	<b>TOTAL - GENERAL PLANT</b>				\$ 234,896,167	\$ 429,208
21	<b>TOTAL - INTANGIBLE PLANT</b>				\$ 79,567,511	\$ -
22	<b>TOTAL - GENERAL &amp; INTANGIBLE PLANT</b>				\$ 314,463,678	\$ 429,208
23	<b>Average Effective Real Property Tax Rate</b>					<b>0.14%</b>

#### NOTES

- (C) Source: Case No. 07-551-EL-AIR, Schedule C3.10. Classification of General Plant account as Real or Personal Property
- (D) Average property tax rate across CEI, OE, and TE. See Section I above.  
Note: Effective with an Ohio tax law change in 2005, non-utilities do not pay Personal Property Tax.
- (E) Service Company General plant as of May 31, 2007.
- (F) Calculation: Column D x Column E

The Cleveland Electric Illuminating Company: 16-1819-EL-RDR  
 Ohio Edison Company: 16-1820-EL-RDR  
 The Toledo Edison Company: 16-1821-EL-RDR

### **Property Tax Rate for Service Company Plant (Actual)**

#### **III. Average Real Property Tax Rates on Actual General Plant as of May 31, 2017 \***

	(A)	(B)	(C)	(D)	(E)	(F)
No.	Category	CEI	OE	TE	Average **	Source / Calculation
24	Allocation Factors	14.21%	17.22%	7.58%	39.01%	"Service Company Allocations to the Ohio Operating Companies (Actual)" workpaper
25	Weighted Allocation Factors	36.43%	44.14%	19.43%	100.00%	Weighted Line 24
<u>Real Property Tax</u>						
26	Average Rate	1.69%	1.01%	1.53%	1.36%	Schedule C3.10a2 (Actual)
* Note: Effective with an Ohio tax law change in 2005, non-utilities do not pay Personal Property Tax. Accordingly, for purposes of determining the average Property Tax rate applicable to Service Company plant, only Real Property Tax is considered.						
** Weighted average based on Service Company allocation factors.						
Assumes that the tax rate for Service Company plant is equal to the weighted average of the three operating companies.						

#### **IV. Estimated Property Tax Rate for Service Company Actual General Plant as of May 31, 2017**

	(A)	(B)	(C)	(D)	(E)	(F)
No.	Account	Account Description	Tax Category	Avg. Tax Rate	Gross Plant	Property Tax
27	389	Fee Land & Easements	Real	1.36%	\$ 230,947	\$ 3,139
28	390	Structures, Improvements	Real	1.36%	\$ 47,568,565	\$ 646,476
29	390.3	Struct Imprv, Leasehold Imp	Real	1.36%	\$ 14,864,265	\$ 202,011
30	391.1	Office Furn., Mech. Equip.	Personal		\$ 18,728,558	\$ -
31	391.2	Data Processing Equipment	Personal		\$ 150,005,999	\$ -
32	392	Transportation Equipment	Personal		\$ 655,175	\$ -
33	393	Stores Equipment	Personal		\$ 16,715	\$ -
34	394	Tools, Shop, Garage Equip.	Personal		\$ 199,565	\$ -
35	395	Laboratory Equipment	Personal		\$ 108,485	\$ -
36	396	Power Operated Equipment	Personal		\$ 424,994	\$ -
37	397	Communication Equipment	Personal		\$ 113,311,006	\$ -
38	398	Misc. Equipment	Personal		\$ 3,214,566	\$ -
39	399.1	ARC General Plant	Personal		\$ 40,721	\$ -
40	<b>TOTAL - GENERAL PLANT</b>				\$ 349,369,563	\$ 851,626
41	<b>TOTAL - INTANGIBLE PLANT</b>				\$ 350,325,280	\$ -
42	<b>TOTAL - GENERAL &amp; INTANGIBLE PLANT</b>				\$ 699,694,843	\$ 851,626
43	<b>Average Effective Real Property Tax Rate</b>					<b>0.12%</b>

#### **NOTES**

- (C) Source: Schedule C3.10 (Actual). Classification of General Plant account as Real or Personal Property
- (D) Weighted average property tax rate across CEI, OE, and TE. See Section III above.  
 Note: Effective with an Ohio tax law change in 2005, non-utilities do not pay Personal Property Tax.
- (E) Service Company General gross plant balances as of 5/31/2017 adjusted to incorporate recommendations from the March 2013, April 2014, April 2015, April 2016, and May 2017 Rider DCR audit reports.
- (F) Calculation: Column D x Column E

<b>Incremental Depreciation and Property Tax Associated with Service Company Plant (Actual)</b>							
<b>Case No. 07-551-EL-AIR vs. Actual 5/31/2017 Balances</b>							
<b>I. Allocated Service Company Plant and Related Expenses as of May 31, 2017</b>							
Line	Category	Service Co.	CEI	OE	TE	TOTAL	Source / Notes
1	Allocation Factor		14.21%	17.22%	7.58%	39.01%	Case No. 07-551-EL-AIR
	<u>Total Plant</u>						
2	Gross Plant	\$ 699,694,843	\$ 99,426,637	\$ 120,487,452	\$ 53,036,869	\$ 272,950,958	"Depreciation Rate for Service Company Plant (Actual)" workpaper, Line 64 x Line 1
3	Accum. Reserve	\$ (353,695,836)	\$ (50,260,178)	\$ (60,906,423)	\$ (26,810,144)	\$ (137,976,746)	"Depreciation Rate for Service Company Plant (Actual)" workpaper, Line 64 x Line 1
4	Net Plant	\$ 345,999,007	\$ 49,166,459	\$ 59,581,029	\$ 26,226,725	\$ 134,974,213	Line 2 + Line 3
5	Depreciation *	9.75%	\$ 9,692,688	\$ 11,745,819	\$ 5,170,343	\$ 26,608,850	Average Rate x Line 2
6	Property Tax *	0.12%	\$ 121,016	\$ 146,650	\$ 64,553	\$ 332,219	Average Rate x Line 2
7	Total Expenses		\$ 9,813,704	\$ 11,892,469	\$ 5,234,896	\$ 26,941,069	
* Effective Depreciation and Property Tax rates based on weighted averages across companies over General and Intangible plant, as of 5/31/2017. See line 64 of the "Depreciation Rate for Service Company Plant (Actual)" workpaper and line 43 of the "Property Tax Rate for Service Company Plant (Actual)" workpaper for more details.							
<b>II. Allocated Service Company Plant and Related Expenses as of May 31, 2007</b>							
Line	Rate Base	Service Co.	CEI	OE	TE	TOTAL	Source / Notes
8	Allocation Factor		14.21%	17.22%	7.58%	39.01%	Case No. 07-551-EL-AIR
	<u>Total Plant</u>						
9	Gross Plant	\$ 314,463,678	\$ 44,685,289	\$ 54,150,645	\$ 23,836,347	\$ 122,672,281	"Depreciation Rate for Service Company Plant (Actual)" workpaper, Line 27 x Line 8
10	Accum. Reserve	\$ (141,912,431)	\$ (20,165,756)	\$ (24,437,321)	\$ (10,756,962)	\$ (55,360,039)	"Depreciation Rate for Service Company Plant (Actual)" workpaper, Line 27 x Line 8
11	Net Plant	\$ 172,551,247	\$ 24,519,532	\$ 29,713,325	\$ 13,079,385	\$ 67,312,242	Line 9 + Line 10
12	Depreciation *	10.68%	\$ 4,772,824	\$ 5,783,816	\$ 2,545,954	\$ 13,102,594	Average Rate x Line 9
13	Property Tax *	0.14%	\$ 60,990	\$ 73,910	\$ 32,534	\$ 167,434	Average Rate x Line 9
14	Total Expenses		\$ 4,833,814	\$ 5,857,726	\$ 2,578,488	\$ 13,270,028	Line 12 + Line 13
* Effective Depreciation and Property Tax rates based on weighted averages across companies over General and Intangible plant as of 5/31/07. See line 27 of the "Depreciation Rate for Service Company Plant (Actual)" workpaper and line 23 of the "Property Tax Rate for Service Company Plant (Actual)" workpaper for more details.							
<b>III. Incremental Expenses Associated with Allocated Service Company Plant *</b>							
Line	Rate Base	Service Co.	CEI	OE	TE	TOTAL	Source / Notes
15	Depreciation	-0.93%	\$ 4,919,864	\$ 5,962,003	\$ 2,624,389	\$ 13,506,257	Line 5 - Line 12
16	Property Tax	-0.01%	\$ 60,026	\$ 72,740	\$ 32,019	\$ 164,785	Line 6 - Line 13
17	Total Expenses		\$ 4,979,890	\$ 6,034,743	\$ 2,656,409	\$ 13,671,042	Line 15 + Line 16
* In Case No. 07-551-EL-AIR, test year operating expenses included allocated depreciation and property tax associated with Service Company plant. This section calculates the difference between the estimated level of these expenses included in base rates and the estimated expenses incurred based on actual Service Company plant balances as of May 31, 2017. The incremental expenses calculated on Line 17 above are added to the Rider DCR revenue requirements.							

**Intangible Depreciation Expense Calculation**  
**Actual 5/31/2017 Balances**

**NOTE**

The software accounts are amortized over a 7 year period (leading to an accrual rate of 14.29%), and many of these accounts have already been fully amortized. Therefore, applying the 14.29% accrual rate to the Gross Plant (the methodology employed for all other accounts) overstates the "depreciation expense" associated with intangible plant. This worksheet looks at each sub account within intangible plant and calculates the expense by applying the 14.29% to only those software related sub-accounts that are not fully amortized yet. All other accounts are calculated by applying the approved accrual rate to the Gross Plant balances.

Company (A)	Utility Account (B)	Function (C)	Gross Plant May-17 (D)	Reserve May-17 (E)	Net Plant May-17 (F)	Accrual Rates (G)	Depreciation Exp (H)
CECO	The Illuminating Co.	CECO 101/6-303 2002 Software	Intangible Plant \$ 2,966,784	\$ 2,966,784	\$ -	14.29%	\$ -
CECO	The Illuminating Co.	CECO 101/6-303 2003 Software	Intangible Plant \$ 1,307,067	\$ 1,307,067	\$ -	14.29%	\$ -
CECO	The Illuminating Co.	CECO 101/6-303 2004 Software	Intangible Plant \$ 3,596,344	\$ 3,596,344	\$ -	14.29%	\$ -
CECO	The Illuminating Co.	CECO 101/6-303 2005 Software	Intangible Plant \$ 1,223,045	\$ 1,223,045	\$ -	14.29%	\$ -
CECO	The Illuminating Co.	CECO 101/6-303 2006 Software	Intangible Plant \$ 1,811,961	\$ 1,811,961	\$ -	14.29%	\$ -
CECO	The Illuminating Co.	CECO 101/6-303 2007 Software	Intangible Plant \$ 5,876,822	\$ 5,876,822	\$ -	14.29%	\$ -
CECO	The Illuminating Co.	CECO 101/6-303 2008 Software	Intangible Plant \$ 1,071,225	\$ 1,071,225	\$ -	14.29%	\$ -
CECO	The Illuminating Co.	CECO 101/6-303 2009 Software	Intangible Plant \$ 3,245,233	\$ 3,245,233	\$ -	14.29%	\$ -
CECO	The Illuminating Co.	CECO 101/6-303 2010 Software	Intangible Plant \$ 2,808,760	\$ 2,775,643	\$ 33,117	14.29%	\$ 33,117
CECO	The Illuminating Co.	CECO 101/6-303 2011 Software	Intangible Plant \$ 5,819,341	\$ 4,921,789	\$ 897,551	14.29%	\$ 831,584
CECO	The Illuminating Co.	CECO 101/6-303 2012 Software	Intangible Plant \$ 766,173	\$ 488,904	\$ 277,269	14.29%	\$ 109,486
CECO	The Illuminating Co.	CECO 101/6-303 2013 Software	Intangible Plant \$ 2,199,989	\$ 1,254,241	\$ 945,748	14.29%	\$ 314,378
CECO	The Illuminating Co.	CECO 101/6-303 2014 Software	Intangible Plant \$ 3,333,580	\$ 1,147,809	\$ 2,185,771	14.29%	\$ 476,369
CECO	The Illuminating Co.	CECO 101/6-303 2015 Software	Intangible Plant \$ 2,305,749	\$ 369,817	\$ 1,935,933	14.29%	\$ 329,492
CECO	The Illuminating Co.	CECO 101/6-303 2016 Software	Intangible Plant \$ 4,731,447	\$ 348,181	\$ 4,383,267	14.29%	\$ 676,124
CECO	The Illuminating Co.	CECO 101/6-303 2017 Software	Intangible Plant \$ 766,740	\$ 26,928	\$ 739,811	14.29%	\$ 109,567
CECO	The Illuminating Co.	CECO 101/6-303 FAS109 Distribution	Intangible Plant \$ 2,001,124	\$ 2,001,124	\$ -	3.18%	\$ -
CECO	The Illuminating Co.	CECO 101/6-303 FAS109 Transmission	Intangible Plant \$ 1,176,339	\$ 1,107,242	\$ 69,097	2.15%	\$ 25,291
CECO	The Illuminating Co.	CECO 101/6-303 Software	Intangible Plant \$ 1,434,369	\$ 1,121,493	\$ 312,875	14.29%	\$ 204,971
CECO	The Illuminating Co.	CECO 101/6-303 Software Evolution	Intangible Plant \$ 12,454,403	\$ 12,454,403	\$ -	14.29%	\$ -
<b>Total</b>			\$ 60,896,495	\$ 49,116,055	\$ 11,780,440		\$ 3,110,379
OECO	Ohio Edison Co.	OECO 101/6-301 Organization	Intangible Plant \$ 89,746	\$ 39,804	\$ 49,943	0.00%	\$ -
OECO	Ohio Edison Co.	OECO 101/6-303 2002 Software	Intangible Plant \$ 3,690,067	\$ 3,690,067	\$ -	14.29%	\$ -
OECO	Ohio Edison Co.	OECO 101/6-303 2003 Software	Intangible Plant \$ 17,568,726	\$ 17,568,726	\$ -	14.29%	\$ -
OECO	Ohio Edison Co.	OECO 101/6-303 2004 Software	Intangible Plant \$ 4,524,343	\$ 4,524,343	\$ -	14.29%	\$ -
OECO	Ohio Edison Co.	OECO 101/6-303 2005 Software	Intangible Plant \$ 1,469,370	\$ 1,469,370	\$ -	14.29%	\$ -
OECO	Ohio Edison Co.	OECO 101/6-303 2006 Software	Intangible Plant \$ 2,754,124	\$ 2,754,124	\$ -	14.29%	\$ -
OECO	Ohio Edison Co.	OECO 101/6-303 2007 Software	Intangible Plant \$ 7,208,211	\$ 7,208,211	\$ -	14.29%	\$ -
OECO	Ohio Edison Co.	OECO 101/6-303 2008 Software	Intangible Plant \$ 1,343,335	\$ 1,343,335	\$ -	14.29%	\$ -
OECO	Ohio Edison Co.	OECO 101/6-303 2009 Software	Intangible Plant \$ 4,181,304	\$ 4,181,304	\$ -	14.29%	\$ -
OECO	Ohio Edison Co.	OECO 101/6-303 2010 Software	Intangible Plant \$ 3,293,501	\$ 3,258,682	\$ 34,819	14.29%	\$ 34,819
OECO	Ohio Edison Co.	OECO 101/6-303 2011 Software	Intangible Plant \$ 8,201,370	\$ 6,862,031	\$ 1,339,339	14.29%	\$ 1,171,976
OECO	Ohio Edison Co.	OECO 101/6-303 2012 Software	Intangible Plant \$ 963,533	\$ 666,361	\$ 297,172	14.29%	\$ 137,689
OECO	Ohio Edison Co.	OECO 101/6-303 2013 Software	Intangible Plant \$ 5,907,815	\$ 2,921,804	\$ 2,986,012	14.29%	\$ 844,227
OECO	Ohio Edison Co.	OECO 101/6-303 2014 Software	Intangible Plant \$ 5,606,259	\$ 1,973,256	\$ 3,633,004	14.29%	\$ 801,134
OECO	Ohio Edison Co.	OECO 101/6-303 2015 Software	Intangible Plant \$ 6,461,069	\$ 820,458	\$ 5,640,611	14.29%	\$ 923,287
OECO	Ohio Edison Co.	OECO 101/6-303 2016 Software	Intangible Plant \$ 5,593,646	\$ 480,325	\$ 5,113,321	14.29%	\$ 799,332
OECO	Ohio Edison Co.	OECO 101/6-303 2017 Software	Intangible Plant \$ 1,383,774	\$ 46,257	\$ 1,337,516	14.29%	\$ 197,741
OECO	Ohio Edison Co.	OECO 101/6-303 FAS109 Dist Land	Intangible Plant \$ 35,276	\$ (1,806)	\$ 37,082	2.89%	\$ -
OECO	Ohio Edison Co.	OECO 101/6-303 FAS109 Distribution	Intangible Plant \$ 1,495,847	\$ 1,501,118	\$ (5,271)	2.89%	\$ -
OECO	Ohio Edison Co.	OECO 101/6-303 FAS109 G/P Land	Intangible Plant \$ 7,778	\$ -	\$ 7,778	3.87%	\$ -
OECO	Ohio Edison Co.	OECO 101/6-303 FAS109 General Plant	Intangible Plant \$ 191,313	\$ 186,685	\$ 4,628	3.87%	\$ 4,628
OECO	Ohio Edison Co.	OECO 101/6-303 FAS109 Transm Land	Intangible Plant \$ 1,326,229	\$ -	\$ 1,326,229	2.33%	\$ -
OECO	Ohio Edison Co.	OECO 101/6-303 FAS109 Transmission	Intangible Plant \$ 697,049	\$ 697,049	\$ -	2.33%	\$ -
OECO	Ohio Edison Co.	OECO 101/6-303 Software	Intangible Plant \$ 3,362,556	\$ 1,807,676	\$ 1,554,880	14.29%	\$ 480,509
<b>Total</b>			\$ 87,356,242	\$ 63,999,180	\$ 23,357,063		\$ 5,395,342
TECO	Toledo Edison Co.	TECO 101/6-303 2002 Software	Intangible Plant \$ 1,708,412	\$ 1,708,412	\$ -	14.29%	\$ -
TECO	Toledo Edison Co.	TECO 101/6-303 2003 Software	Intangible Plant \$ 7,478,386	\$ 7,478,386	\$ -	14.29%	\$ -
TECO	Toledo Edison Co.	TECO 101/6-303 2004 Software	Intangible Plant \$ 862,457	\$ 862,457	\$ -	14.29%	\$ -
TECO	Toledo Edison Co.	TECO 101/6-303 2005 Software	Intangible Plant \$ 699,602	\$ 699,602	\$ -	14.29%	\$ -
TECO	Toledo Edison Co.	TECO 101/6-303 2006 Software	Intangible Plant \$ 834,729	\$ 834,729	\$ -	14.29%	\$ -
TECO	Toledo Edison Co.	TECO 101/6-303 2007 Software	Intangible Plant \$ 3,182,778	\$ 3,182,778	\$ -	14.29%	\$ -
TECO	Toledo Edison Co.	TECO 101/6-303 2008 Software	Intangible Plant \$ 578,266	\$ 578,266	\$ -	14.29%	\$ -
TECO	Toledo Edison Co.	TECO 101/6-303 2009 Software	Intangible Plant \$ 1,878,487	\$ 1,878,487	\$ -	14.29%	\$ -
TECO	Toledo Edison Co.	TECO 101/6-303 2010 Software	Intangible Plant \$ 1,456,633	\$ 1,440,426	\$ 16,207	14.29%	\$ 16,207
TECO	Toledo Edison Co.	TECO 101/6-303 2011 Software	Intangible Plant \$ 2,259,874	\$ 1,910,856	\$ 349,018	14.29%	\$ 322,936
TECO	Toledo Edison Co.	TECO 101/6-303 2012 Software	Intangible Plant \$ 554,860	\$ 346,279	\$ 208,581	14.29%	\$ 79,289
TECO	Toledo Edison Co.	TECO 101/6-303 2013 Software	Intangible Plant \$ 1,576,078	\$ 749,662	\$ 826,416	14.29%	\$ 225,222
TECO	Toledo Edison Co.	TECO 101/6-303 2014 Software	Intangible Plant \$ 1,961,451	\$ 765,439	\$ 1,196,012	14.29%	\$ 280,291
TECO	Toledo Edison Co.	TECO 101/6-303 2015 Software	Intangible Plant \$ 1,059,804	\$ 163,235	\$ 896,569	14.29%	\$ 151,446
TECO	Toledo Edison Co.	TECO 101/6-303 2016 Software	Intangible Plant \$ 1,801,231	\$ 168,986	\$ 1,632,245	14.29%	\$ 257,396
TECO	Toledo Edison Co.	TECO 101/6-303 2017 Software	Intangible Plant \$ 223,927	\$ 6,394	\$ 217,533	14.29%	\$ 31,999
TECO	Toledo Edison Co.	TECO 101/6-303 FAS109 Distribution	Intangible Plant \$ 239,903	\$ 239,903	\$ -	3.10%	\$ -
TECO	Toledo Edison Co.	TECO 101/6-303 FAS109 Transmission	Intangible Plant \$ 53,999	\$ 51,028	\$ 2,970	2.37%	\$ 1,280
TECO	Toledo Edison Co.	TECO 101/6-303 Software	Intangible Plant \$ 130,067	\$ 293,026	\$ (162,959)	14.29%	\$ -
<b>Total</b>			\$ 28,540,942	\$ 23,358,351	\$ 5,182,591		\$ 1,366,066

**NOTES**

(D) - (F) Source: Actual 5/31/2017 balances, adjusted to remove the cumulative pre-2007 impact of a change in pension accounting and incorporate recommendations from the March 2013, April 2014, April 2015, April 2016, and May 2017 Rider DCR Audit Reports.

(G) Source: Case No. 07-551-EL-AIR

(H) Accrual rate only applies to the (non-land) gross plant of those accounts that are not fully amortized.

**Rider DCR**  
**Estimated Distribution Rate Base Additions as of 8/31/2017**  
**Revenue Requirement Calculation**

(\$ millions)

\* 5/31/2007 balances refer to the jurisdictional balances approved in Case 07-551-EL-AIR. Source: PUCO Staff workpapers supporting the PUCO Opinion & Order

		(A)	(B)	(C) = (B) - (A)	(D)	
	<b>Gross Plant</b>	<b>5/31/2007*</b>	<b>8/31/2017</b>	<b>Incremental</b>	<b>Source of Column (B)</b>	
(1)	CEI	1,927.1	3,048.3	1,121.3	Sch B2.1 (Estimate) Line 45	
(2)	OE	2,074.0	3,442.7	1,368.7	Sch B2.1 (Estimate) Line 47	
(3)	TE	771.5	1,190.3	418.8	Sch B2.1 (Estimate) Line 44	
(4)	<b>Total</b>	<b>4,772.5</b>	<b>7,681.4</b>	<b>2,908.8</b>	<b>Sum: [ (1) through (3) ]</b>	
	<b>Accumulated Reserve</b>					
(5)	CEI	(773.0)	(1,319.9)	(546.9)	-Sch B3 (Estimate) Line 46	
(6)	OE	(803.0)	(1,363.6)	(560.6)	-Sch B3 (Estimate) Line 48	
(7)	TE	(376.8)	(602.0)	(225.2)	-Sch B3 (Estimate) Line 45	
(8)	<b>Total</b>	<b>(1,952.8)</b>	<b>(3,285.5)</b>	<b>(1,332.7)</b>	<b>Sum: [ (5) through (7) ]</b>	
	<b>Net Plant In Service</b>					
(9)	CEI	1,154.0	1,728.4	574.3	(1) + (5)	
(10)	OE	1,271.0	2,079.1	808.2	(2) + (6)	
(11)	TE	394.7	588.3	193.6	(3) + (7)	
(12)	<b>Total</b>	<b>2,819.7</b>	<b>4,395.8</b>	<b>1,576.1</b>	<b>Sum: [ (9) through (11) ]</b>	
	<b>ADIT</b>					
(13)	CEI	(246.4)	(480.8)	(234.5)	- ADIT Balances (Estimate) Line 3	
(14)	OE	(197.1)	(605.3)	(408.2)	- ADIT Balances (Estimate) Line 3	
(15)	TE	(10.3)	(154.2)	(143.9)	- ADIT Balances (Estimate) Line 3	
(16)	<b>Total</b>	<b>(453.8)</b>	<b>(1,240.4)</b>	<b>(786.6)</b>	<b>Sum: [ (13) through (15) ]</b>	
	<b>Rate Base</b>					
(17)	CEI	907.7	1,247.5	339.9	(9) + (13)	
(18)	OE	1,073.9	1,473.8	399.9	(10) + (14)	
(19)	TE	384.4	434.1	49.7	(11) + (15)	
(20)	<b>Total</b>	<b>2,366.0</b>	<b>3,155.5</b>	<b>789.5</b>	<b>Sum: [ (17) through (19) ]</b>	
	<b>Depreciation Exp</b>					
(21)	CEI	60.0	99.1	39.1	Sch B-3.2 (Estimate) Line 46	
(22)	OE	62.0	104.8	42.7	Sch B-3.2 (Estimate) Line 48	
(23)	TE	24.5	39.4	14.8	Sch B-3.2 (Estimate) Line 45	
(24)	<b>Total</b>	<b>146.5</b>	<b>243.2</b>	<b>96.7</b>	<b>Sum: [ (21) through (23) ]</b>	
	<b>Property Tax Exp</b>					
(25)	CEI	65.0	106.7	41.7	Sch C-3.10a (Estimate) Line 4	
(26)	OE	57.4	91.3	34.0	Sch C-3.10a (Estimate) Line 4	
(27)	TE	20.1	30.8	10.7	Sch C-3.10a (Estimate) Line 4	
(28)	<b>Total</b>	<b>142.4</b>	<b>228.8</b>	<b>86.4</b>	<b>Sum: [ (25) through (27) ]</b>	
	<b>Revenue Requirement</b>	<b>Rate Base</b>	<b>Return 8.48%</b>	<b>Deprec</b>	<b>Prop Tax</b>	<b>Rev. Req.</b>
(29)	CEI	339.9	28.8	39.1	41.7	109.7
(30)	OE	399.9	33.9	42.7	34.0	110.6
(31)	TE	49.7	4.2	14.8	10.7	29.8
(32)	<b>Total</b>	<b>789.5</b>	<b>67.0</b>	<b>96.7</b>	<b>86.4</b>	<b>250.1</b>

<b>Capital Structure &amp; Returns</b>				
	<b>% mix</b>	<b>rate</b>	<b>wtd rate</b>	
(33) Debt	51%	6.54%	3.3%	
(34) Equity	49%	10.50%	5.1%	
(35)			<b>8.48%</b>	

	(a)	(b)	(c)	(d)	(e)	(f)
<b>Revenue Requirement with Tax</b>	<b>Equity Return</b>	<b>Tax Rate</b>	<b>Income Tax</b>	<b>CAT 0.26%</b>	<b>Taxes</b>	<b>Rev. Req. + Tax</b>
(36) CEI	17.5	36.07%	9.9	0.3	10.2	119.8
(37) OE	20.6	35.85%	11.5	0.3	11.8	122.4
(38) TE	2.6	35.69%	1.4	0.1	1.5	31.3
(39) <b>Total</b>	<b>40.6</b>		<b>22.8</b>	<b>0.7</b>	<b>23.5</b>	<b>273.6</b>

(a) = Weighted Cost of Equity x Rate Base  
 (b) = Current composite income tax rates

(c) = (a) x (1 / (1-(b)) - 1)  
 (d) = (Rev. Req. + (c)) x (1/(1-.26%) - 1)

(e) = (c) + (d)  
 (f) = (e) + Rev. Req. from Lines 29-31

Ohio Edison Company: 16-1820-EL-RDR  
8/31/2017 Estimated Plant in Service by Accounts and Subaccounts

Schedule B-2.1 (Estimate)

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NOTE: Column A contains estimated plant in service balances as of 8/31/2017 from the forecast as of June 2017, adjusted to reflect current assumptions, incorporate recommendations from the March 2013, April 2014, April 2015, April 2016, and May 2017 Rider DCR Audit Reports, and to remove the cumulative pre-2007 impact of a change in pension accounting. Column B shows jurisdictional allocation factors from Case No. 07-551-EL-AIR. Additional details on the adjustments in Column D are provided on the "Summary of Exclusions per Case No. 14-1297-EL-SSO: Estimated 8/31/2017 Plant in Service Balances" workpaper.

Line No.	Account No.	Account Title	Total Company (A)	Allocation % (B)	Allocated Total (C) = (A) * (B)	Adjustments (D)	Adjusted Jurisdiction (E) = (C) + (D)
<u>TRANSMISSION PLANT</u>							
1	350	Land & Land Rights	\$ 95,343,744	100%	\$ 95,343,744	\$ (86,982,409)	\$ 8,361,335
2	352	Structures & Improvements	\$ 11,756,316	100%	\$ 11,756,316		\$ 11,756,316
3	353	Station Equipment	\$ 109,868,770	100%	\$ 109,868,770		\$ 109,868,770
4	354	Towers & Fixtures	\$ 276,919	100%	\$ 276,919		\$ 276,919
5	355	Poles & Fixtures	\$ 27,037,767	100%	\$ 27,037,767		\$ 27,037,767
6	356	Overhead Conductors & Devices	\$ 37,652,675	100%	\$ 37,652,675		\$ 37,652,675
7	357	Underground Conduit	\$ 1,540,142	100%	\$ 1,540,142		\$ 1,540,142
8	358	Underground Conductors & Devices	\$ 16,560,195	100%	\$ 16,560,195		\$ 16,560,195
9	359	Roads & Trails	\$ 34,404	100%	\$ 34,404		\$ 34,404
10		Total Transmission Plant	\$ 300,070,931	100%	\$ 300,070,931	\$ (86,982,409)	\$ 213,088,522

Ohio Edison Company: 16-1820-EL-RDR  
8/31/2017 Estimated Plant in Service by Accounts and Subaccounts

Schedule B-2.1 (Estimate)

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NOTE: Column A contains estimated plant in service balances as of 8/31/2017 from the forecast as of June 2017, adjusted to reflect current assumptions, incorporate recommendations from the March 2013, April 2014, April 2015, April 2016, and May 2017 Rider DCR Audit Reports, and to remove the cumulative pre-2007 impact of a change in pension accounting. Column B shows jurisdictional allocation factors from Case No. 07-551-EL-AIR. Additional details on the adjustments in Column D are provided on the "Summary of Exclusions per Case No. 14-1297-EL-SSO: Estimated 8/31/2017 Plant in Service Balances" workpaper.

Line No.	Account No.	Account Title	Total Company (A)	Allocation % (B)	Allocated Total (C) = (A) * (B)	Adjustments (D)	Adjusted Jurisdiction (E) = (C) + (D)
<u>DISTRIBUTION PLANT</u>							
11	360	Land & Land Rights	\$ 13,001,282	100%	\$ 13,001,282		\$ 13,001,282
12	361	Structures & Improvements	\$ 16,355,661	100%	\$ 16,355,661		\$ 16,355,661
13	362	Station Equipment	\$ 269,590,592	100%	\$ 269,590,592		\$ 269,590,592
14	364	Poles, Towers & Fixtures	\$ 507,398,830	100%	\$ 507,398,830		\$ 507,398,830
15	365	Overhead Conductors & Devices	\$ 745,327,602	100%	\$ 745,327,602		\$ 745,327,602
16	366	Underground Conduit	\$ 67,042,890	100%	\$ 67,042,890		\$ 67,042,890
17	367	Underground Conductors & Devices	\$ 325,138,958	100%	\$ 325,138,958		\$ 325,138,958
18	368	Line Transformers	\$ 497,741,327	100%	\$ 497,741,327		\$ 497,741,327
19	369	Services	\$ 132,677,163	100%	\$ 132,677,163		\$ 132,677,163
20	370	Meters	\$ 155,933,645	100%	\$ 155,933,645		\$ 155,933,645
21	371	Installation on Customer Premises	\$ 24,685,053	100%	\$ 24,685,053		\$ 24,685,053
22	373	Street Lighting & Signal Systems	\$ 75,872,533	100%	\$ 75,872,533		\$ 75,872,533
23	374	Asset Retirement Costs for Distribution Plant	\$ 22,272	100%	\$ 22,272		\$ 22,272
24		Total Distribution Plant	\$ 2,830,787,809	100%	\$ 2,830,787,809	\$ -	\$ 2,830,787,809

Ohio Edison Company: 16-1820-EL-RDR  
8/31/2017 Estimated Plant in Service by Accounts and Subaccounts

Schedule B-2.1 (Estimate)

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NOTE: Column A contains estimated plant in service balances as of 8/31/2017 from the forecast as of June 2017, adjusted to reflect current assumptions, incorporate recommendations from the March 2013, April 2014, April 2015, April 2016, and May 2017 Rider DCR Audit Reports, and to remove the cumulative pre-2007 impact of a change in pension accounting. Column B shows jurisdictional allocation factors from Case No. 07-551-EL-AIR. Additional details on the adjustments in Column D are provided on the "Summary of Exclusions per Case No. 14-1297-EL-SSO: Estimated 8/31/2017 Plant in Service Balances" workpaper.

Line No.	Account No.	Account Title	Total Company (A)	Allocation % (B)	Allocated Total (C) = (A) * (B)	Adjustments (D)	Adjusted Jurisdiction (E) = (C) + (D)
<u>GENERAL PLANT</u>							
25	389	Land & Land Rights	\$ 3,257,286	100%	\$ 3,257,286		\$ 3,257,286
26	390	Structures & Improvements	\$ 96,319,161	100%	\$ 96,319,161		\$ 96,319,161
27	390.3	Leasehold Improvements	\$ 108,959	100%	\$ 108,959		\$ 108,959
28	391.1	Office Furniture & Equipment	\$ 6,653,672	100%	\$ 6,653,672		\$ 6,653,672
29	391.2	Data Processing Equipment	\$ 9,443,821	100%	\$ 9,443,821		\$ 9,443,821
30	392	Transportation Equipment	\$ 2,809,627	100%	\$ 2,809,627		\$ 2,809,627
31	393	Stores Equipment	\$ 1,265,913	100%	\$ 1,265,913		\$ 1,265,913
32	394	Tools, Shop & Garage Equipment	\$ 16,353,094	100%	\$ 16,353,094		\$ 16,353,094
33	395	Laboratory Equipment	\$ 5,373,033	100%	\$ 5,373,033		\$ 5,373,033
34	396	Power Operated Equipment	\$ 3,911,639	100%	\$ 3,911,639		\$ 3,911,639
35	397	Communication Equipment	\$ 42,767,221	100%	\$ 42,767,221		\$ 42,767,221
36	398	Miscellaneous Equipment	\$ 413,561	100%	\$ 413,561		\$ 413,561
37	399.1	Asset Retirement Costs for General Plant	\$ 303,410	100%	\$ 303,410		\$ 303,410
38		Total General Plant	\$ 188,980,397	100%	\$ 188,980,397	\$0	\$ 188,980,397



Ohio Edison Company: 16-1820-EL-RDR  
8/31/2017 Estimated Plant in Service by Accounts and Subaccounts

Schedule B-2.1 (Estimate)

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NOTE: Column A contains estimated plant in service balances as of 8/31/2017 from the forecast as of June 2017, adjusted to reflect current assumptions, incorporate recommendations from the March 2013, April 2014, April 2015, April 2016, and May 2017 Rider DCR Audit Reports, and to remove the cumulative pre-2007 impact of a change in pension accounting. Column B shows jurisdictional allocation factors from Case No. 07-551-EL-AIR. Additional details on the adjustments in Column D are provided on the "Summary of Exclusions per Case No. 14-1297-EL-SSO: Estimated 8/31/2017 Plant in Service Balances" worksheet.

Line No.	Account No.	Account Title	Total Company (A)	Allocation % (B)	Allocated Total (C) = (A) * (B)	Adjustments (D)	Adjusted Jurisdiction (E) = (C) + (D)
<u>OTHER PLANT</u>							
39	301	Organization	\$ -	100%	\$ -		\$ -
40	303	Intangible Software	\$ 85,006,075	100%	\$ 85,006,075		\$ 85,006,075
41	303	Intangible FAS 109 Transmission	\$ 2,023,278	100%	\$ 2,023,278		\$ 2,023,278
42	303	Intangible FAS 109 Distribution	\$ 1,531,123	100%	\$ 1,531,123		\$ 1,531,123
43	303	Intangible FAS 109 General	\$ 199,091	100%	\$ 199,091		\$ 199,091
44		Total Other Plant	\$ 88,759,567		\$ 88,759,567	\$ -	\$ 88,759,567
45		Company Total Plant	<u>\$ 3,408,598,705</u>	100%	<u>\$ 3,408,598,705</u>	<u>\$ (86,982,409)</u>	<u>\$ 3,321,616,296</u>
46		Service Company Plant Allocated*					\$ 121,121,294
47		Grand Total Plant (45 + 46)					<u>\$ 3,442,737,590</u>

\* Source: Line 2 of the "Service Company Allocations to the Ohio Operating Companies (Estimate)" worksheet.

Ohio Edison Company: 16-1820-EL-RDR  
8/31/2017 Estimated Reserve for Accumulated Depreciation by Accounts and Subaccounts

Schedule B-3 (Estimate)  
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NOTE: Column B contains estimated reserve for accumulated depreciation balances as of 8/31/2017 from the forecast as of June 2017, adjusted to reflect current assumptions, incorporate recommendations from the March 2013, April 2014, April 2015, April 2016, and May 2017 Rider DCR Audit Reports, and to remove the cumulative pre-2007 impact of a change in pension accounting. Column C shows jurisdictional allocation factors from Case No. 07-551-EL-AIR. Additional details on the adjustments in Column E are provided on the "Summary of Exclusions per Case No. 14-1297-EL-SSO: Estimated 8/31/2017 Plant in Service Balances" workpaper.

Line No.	Account No.	Account Title	Total Company		Reserve Balances				
			Plant Investment	Total Company	Allocation %	Allocated Total	Adjustments	Adjusted Jurisdiction	
			Sch B2.1 (Estimate) Column E						(D) = (B) * (C)
			(A)	(B)	(C)				
TRANSMISSION PLANT									
1	350	Land & Land Rights	\$ 8,361,335	\$ 12,063	100%	\$ 12,063			\$ 12,063
2	352	Structures & Improvements	\$ 11,756,316	\$ 8,071,098	100%	\$ 8,071,098			\$ 8,071,098
3	353	Station Equipment	\$ 109,868,770	\$ 59,721,090	100%	\$ 59,721,090			\$ 59,721,090
4	354	Towers & Fixtures	\$ 276,919	\$ 302,866	100%	\$ 302,866			\$ 302,866
5	355	Poles & Fixtures	\$ 27,037,767	\$ 23,105,625	100%	\$ 23,105,625			\$ 23,105,625
6	356	Overhead Conductors & Devices	\$ 37,652,675	\$ 20,860,892	100%	\$ 20,860,892			\$ 20,860,892
7	357	Underground Conduit	\$ 1,540,142	\$ 938,695	100%	\$ 938,695			\$ 938,695
8	358	Underground Conductors & Devices	\$ 16,560,195	\$ 5,554,875	100%	\$ 5,554,875			\$ 5,554,875
9	359	Roads & Trails	\$ 34,404	\$ 932	100%	\$ 932			\$ 932
10		Total Transmission Plant	\$ 213,088,522	\$ 118,568,135	100%	\$ 118,568,135	\$ -		\$ 118,568,135

Ohio Edison Company: 16-1820-EL-RDR  
8/31/2017 Estimated Reserve for Accumulated Depreciation by Accounts and Subaccounts

Schedule B-3 (Estimate)  
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NOTE: Column B contains estimated reserve for accumulated depreciation balances as of 8/31/2017 from the forecast as of June 2017, adjusted to reflect current assumptions, incorporate recommendations from the March 2013, April 2014, April 2015, April 2016, and May 2017 Rider DCR Audit Reports, and to remove the cumulative pre-2007 impact of a change in pension accounting. Column C shows jurisdictional allocation factors from Case No. 07-551-EL-AIR. Additional details on the adjustments in Column E are provided on the "Summary of Exclusions per Case No. 14-1297-EL-SSO: Estimated 8/31/2017 Plant in Service Balances" workpaper.

Line No.	Account No.	Account Title	Total Company		Reserve Balances								
			Sch B2.1 (Estimate) Column E	Plant Investment (A)	Total Company (B)	Allocation % (C)	Allocated Total (D) = (B) * (C)	Adjustments (E)	Adjusted Jurisdiction (F) = (D) + (E)				
DISTRIBUTION PLANT													
11	360	Land & Land Rights	\$	13,001,282	\$	(33,983)	100%	\$	(33,983)	\$	(33,983)		
12	361	Structures & Improvements	\$	16,355,661	\$	5,842,091	100%	\$	5,842,091	\$	5,842,091		
13	362	Station Equipment	\$	269,590,592	\$	105,637,358	100%	\$	105,637,358	\$	105,637,358		
14	364	Poles, Towers & Fixtures	\$	230,300,684	\$	243,298,284	100%	\$	243,298,284	\$	243,298,284		
15	365	Overhead Conductors & Devices	\$	174,905,161	\$	189,176,090	100%	\$	189,176,090	\$	189,176,090		
16	366	Underground Conduit	\$	67,042,890	\$	25,940,011	100%	\$	25,940,011	\$	25,940,011		
17	367	Underground Conductors & Devices	\$	325,138,958	\$	81,013,236	100%	\$	81,013,236	\$	81,013,236		
18	368	Line Transformers	\$	497,741,327	\$	224,903,294	100%	\$	224,903,294	\$	224,903,294		
19	369	Services	\$	132,677,163	\$	83,595,932	100%	\$	83,595,932	\$	83,595,932		
20	370	Meters	\$	155,933,645	\$	32,404,936	100%	\$	32,404,936	\$	32,404,936		
21	371	Installation on Customer Premises	\$	24,685,053	\$	15,383,088	100%	\$	15,383,088	\$	15,383,088		
22	373	Street Lighting & Signal Systems	\$	75,872,533	\$	36,137,700	100%	\$	36,137,700	\$	36,137,700		
23	374	Asset Retirement Costs for Distribution Plant	\$	22,272	\$	14,164	100%	\$	14,164	\$	14,164		
24		Total Distribution Plant	\$	1,983,267,223	\$	1,043,312,202	100%	\$	1,043,312,202	\$	-	\$	1,043,312,202

Ohio Edison Company: 16-1820-EL-RDR  
8/31/2017 Estimated Reserve for Accumulated Depreciation by Accounts and Subaccounts

Schedule B-3 (Estimate)  
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NOTE: Column B contains estimated reserve for accumulated depreciation balances as of 8/31/2017 from the forecast as of June 2017, adjusted to reflect current assumptions, incorporate recommendations from the March 2013, April 2014, April 2015, April 2016, and May 2017 Rider DCR Audit Reports, and to remove the cumulative pre-2007 impact of a change in pension accounting. Column C shows jurisdictional allocation factors from Case No. 07-551-EL-AIR. Additional details on the adjustments in Column E are provided on the "Summary of Exclusions per Case No. 14-1297-EL-SSO: Estimated 8/31/2017 Plant in Service Balances" workpaper.

Line No.	Account No.	Account Title	Sch B2.1 (Estimate) Column E	Total Company	Reserve Balances				
				Plant Investment	Total Company	Allocation %	Allocated Total	Adjustments	Adjusted Jurisdiction
				(A)					
<u>GENERAL PLANT</u>									
25	389	Land & Land Rights	\$ 3,257,286	\$ (74,752)	100%	\$ (74,752)		\$ (74,752)	
26	390	Structures & Improvements	\$ 96,319,161	\$ 37,776,334	100%	\$ 37,776,334		\$ 37,776,334	
27	390.3	Leasehold Improvements	\$ 108,959	\$ 108,959	100%	\$ 108,959		\$ 108,959	
28	391.1	Office Furniture & Equipment	\$ 6,653,672	\$ 5,801,720	100%	\$ 5,801,720		\$ 5,801,720	
29	391.2	Data Processing Equipment	\$ 9,443,821	\$ 3,589,423	100%	\$ 3,589,423		\$ 3,589,423	
30	392	Transportation Equipment	\$ 2,809,627	\$ 344,224	100%	\$ 344,224		\$ 344,224	
31	393	Stores Equipment	\$ 1,265,913	\$ 820,318	100%	\$ 820,318		\$ 820,318	
32	394	Tools, Shop & Garage Equipment	\$ 16,353,094	\$ 3,089,776	100%	\$ 3,089,776		\$ 3,089,776	
33	395	Laboratory Equipment	\$ 5,373,033	\$ 2,999,067	100%	\$ 2,999,067		\$ 2,999,067	
34	396	Power Operated Equipment	\$ 3,911,639	\$ 3,447,023	100%	\$ 3,447,023		\$ 3,447,023	
35	397	Communication Equipment	\$ 42,767,221	\$ 19,916,008	100%	\$ 19,916,008		\$ 19,916,008	
36	398	Miscellaneous Equipment	\$ 413,561	\$ 241,863	100%	\$ 241,863		\$ 241,863	
37	399.1	Asset Retirement Costs for General Plant	\$ 303,410	\$ 197,132	100%	\$ 197,132		\$ 197,132	
38		Total General Plant	\$ 188,980,397	\$ 78,257,096	100%	\$ 78,257,096	\$ -	\$ 78,257,096	

Ohio Edison Company: 16-1820-EL-RDR  
8/31/2017 Estimated Reserve for Accumulated Depreciation by Accounts and Subaccounts

Schedule B-3 (Estimate)  
Page 4 of 4

NOTE: Column B contains estimated reserve for accumulated depreciation balances as of 8/31/2017 from the forecast as of June 2017, adjusted to reflect current assumptions, incorporate recommendations from the March 2013, April 2014, April 2015, April 2016, and May 2017 Rider DCR Audit Reports, and to remove the cumulative pre-2007 impact of a change in pension accounting. Column C shows jurisdictional allocation factors from Case No. 07-551-EL-AIR. Additional details on the adjustments in Column E are provided on the "Summary of Exclusions per Case No. 14-1297-EL-SSO: Estimated 8/31/2017 Plant in Service Balances" workpaper.

			Total Company	Reserve Balances				
Line No.	Account No.	Account Title	Plant Investment Sch B2.1 (Estimate) Column E (A)	Total Company (B)	Allocation % (C)	Allocated Total (D) = (B) * (C)	Adjustments (E)	Adjusted Jurisdiction (F) = (D) + (E)
<u>OTHER PLANT</u>								
39	301	Organization	\$ -	\$ -	100%	\$ -		\$ -
40	303	Intangible Software	\$ 85,006,075	\$ 63,120,832	100%	\$ 63,120,832		\$ 63,120,832
41	303	Intangible FAS 109 Transmission	\$ 2,023,278	\$ 697,049	100%	\$ 697,049		\$ 697,049
42	303	Intangible FAS 109 Distribution	\$ 1,531,123	\$ 1,499,312	100%	\$ 1,499,312		\$ 1,499,312
43	303	Intangible FAS 109 General	\$ 199,091	\$ 188,015	100%	\$ 188,015		\$ 188,015
44		Total Other Plant	\$ 88,759,567	\$ 65,505,208		\$ 65,505,208	\$ -	\$ 65,505,208
45		Removal Work in Progress (RWIP)		\$ (3,419,132)	100%	\$ (3,419,132)		\$ (3,419,132)
46		Company Total Plant (Reserve)	<u>\$ 2,474,095,709</u>	<u>\$ 1,302,223,509</u>	100%	<u>\$ 1,302,223,509</u>	<u>\$ -</u>	<u>\$ 1,302,223,509</u>
47		Service Company Reserve Allocated*						\$ 61,384,262
48		Grand Total Plant (Reserve) (46 + 47)						<u>\$ 1,363,607,771</u>

\* Source: Line 3 of the "Service Company Allocations to the Ohio Operating Companies (Estimate)" workpaper.

The Cleveland Electric Illuminating Company: 16-1819-EL-RDR  
 Ohio Edison Company: 16-1820-EL-RDR  
 The Toledo Edison Company: 16-1821-EL-RDR

FirstEnergy Companies  
 ADIT Balances (281 & 282 Property Accounts) - Estimate

	<u>CEI</u>	<u>OE</u>	<u>TE</u>	<u>SC</u>
(1) Ending Bal. 8/31/2017*	472,621,815	595,341,942	149,824,569	57,858,846
(2) Service Company Allocated ADIT**	\$ 8,221,742	\$ 9,963,293	\$ 4,385,701	
(3) Grand Total ADIT Balance***	<u>\$ 480,843,557</u>	<u>\$ 605,305,235</u>	<u>\$ 154,210,270</u>	

\*Source: Estimated 8/31/2017 ADIT balances from the forecast as of June 2017.

\*\* Line 4 of the "Service Company Allocations to the Ohio Operating Companies (Estimate)" workpaper.

\*\*\* Calculation : Line 1 + Line 2

Ohio Edison Company: 16-1820-EL-RDR  
Annual Depreciation Expense on Estimated Plant Balances as of August 31, 2017

Schedule B-3.2 (Estimate)  
Page 1 of 4

NOTE: Column F is from Case No. 07-551-EL-AIR.

Line No.	Account No.	Account Title	Adjusted Jurisdiction		Current Accrual Rate	Calculated Depr. Expense (G=DxF)
			Plant Investment	Reserve Balance		
			Sch. B-2.1 (Estimate)	Sch. B-3 (Estimate)		
			(D)	(E)		
(A)	(B)	(C)	(D)	(E)	(F)	(G=DxF)
<u>TRANSMISSION PLANT</u>						
1	350	Land & Land Rights	\$ 8,361,335	\$ 12,063	0.00%	\$ -
2	352	Structures & Improvements	\$ 11,756,316	\$ 8,071,098	2.06%	\$ 242,180
3	353	Station Equipment	\$ 109,868,770	\$ 59,721,090	2.20%	\$ 2,417,113
4	354	Towers & Fixtures	\$ 276,919	\$ 302,866	1.82%	\$ 5,040
5	355	Poles & Fixtures	\$ 27,037,767	\$ 23,105,625	2.98%	\$ 805,725
6	356	Overhead Conductors & Devices	\$ 37,652,675	\$ 20,860,892	2.55%	\$ 960,143
7	357	Underground Conduit	\$ 1,540,142	\$ 938,695	1.67%	\$ 25,720
8	358	Underground Conductors & Devices	\$ 16,560,195	\$ 5,554,875	2.00%	\$ 331,204
9	359	Roads & Trails	\$ 34,404	\$ 932	0.00%	\$ -
10		Total Transmission	\$ 213,088,522	\$ 118,568,135		\$ 4,787,125

Ohio Edison Company: 16-1820-EL-RDR  
Annual Depreciation Expense on Estimated Plant Balances as of August 31, 2017

Schedule B-3.2 (Estimate)  
Page 2 of 4

NOTE: Column F is from Case No. 07-551-EL-AIR.

Line No.	Account No.	Account Title	Adjusted Jurisdiction		Current Accrual Rate (F)	Calculated Depr. Expense (G=DxF)
			Plant Investment	Reserve Balance		
			Sch. B-2.1 (Estimate)	Sch. B-3 (Estimate)		
			(D)	(E)		
<u>DISTRIBUTION PLANT</u>						
11	360	Land & Land Rights	\$ 13,001,282	\$ (33,983)	0.00%	\$ -
12	361	Structures & Improvements	\$ 16,355,661	\$ 5,842,091	2.45%	\$ 400,714
13	362	Station Equipment	\$ 269,590,592	\$ 105,637,358	2.55%	\$ 6,874,560
14	364	Poles, Towers & Fixtures	\$ 507,398,830	\$ 243,298,284	2.93%	\$ 14,866,786
15	365	Overhead Conductors & Devices	\$ 745,327,602	\$ 189,176,090	2.70%	\$ 20,123,845
16	366	Underground Conduit	\$ 67,042,890	\$ 25,940,011	1.50%	\$ 1,005,643
17	367	Underground Conductors & Devices	\$ 325,138,958	\$ 81,013,236	2.07%	\$ 6,730,376
18	368	Line Transformers	\$ 497,741,327	\$ 224,903,294	3.50%	\$ 17,420,946
19	369	Services	\$ 132,677,163	\$ 83,595,932	3.13%	\$ 4,152,795
20	370	Meters	\$ 155,933,645	\$ 32,404,936	3.24%	\$ 5,052,250
21	371	Installation on Customer Premises	\$ 24,685,053	\$ 15,383,088	4.44%	\$ 1,096,016
22	373	Street Lighting & Signal Systems	\$ 75,872,533	\$ 36,137,700	4.20%	\$ 3,186,646
23	374	Asset Retirement Costs for Distribution Plant	\$ 22,272	\$ 14,164	0.00%	\$ -
24		Total Distribution	\$ 2,830,787,809	\$ 1,043,312,202		\$ 80,910,577



Ohio Edison Company: 16-1820-EL-RDR  
Annual Depreciation Expense on Estimated Plant Balances as of August 31, 2017

Schedule B-3.2 (Estimate)

Page 3 of 4

NOTE: Column F is from Case No. 07-551-EL-AIR.

Line No.	Account No.	Account Title	Adjusted Jurisdiction		Current Accrual Rate	Calculated Depr. Expense
			Plant Investment	Reserve Balance		
(A)	(B)	(C)	Sch. B-2.1 (Estimate)	Sch. B-3 (Estimate)	(F)	(G=DxF)
			(D)	(E)		
<u>GENERAL PLANT</u>						
25	389	Land & Land Rights	\$ 3,257,286	\$ (74,752)	0.00%	\$ -
26	390	Structures & Improvements	\$ 96,319,161	\$ 37,776,334	2.50%	\$ 2,407,979
27	390.3	Leasehold Improvements	\$ 108,959	\$ 108,959	20.78%	\$ 22,642
28	391.1	Office Furniture & Equipment	\$ 6,653,672	\$ 5,801,720	3.80%	\$ 252,840
29	391.2	Data Processing Equipment	\$ 9,443,821	\$ 3,589,423	17.00%	\$ 1,605,450
30	392	Transportation Equipment	\$ 2,809,627	\$ 344,224	7.31%	\$ 205,384
31	393	Stores Equipment	\$ 1,265,913	\$ 820,318	2.56%	\$ 32,407
32	394	Tools, Shop & Garage Equipment	\$ 16,353,094	\$ 3,089,776	3.17%	\$ 518,393
33	395	Laboratory Equipment	\$ 5,373,033	\$ 2,999,067	3.80%	\$ 204,175
34	396	Power Operated Equipment	\$ 3,911,639	\$ 3,447,023	3.48%	\$ 136,125
35	397	Communication Equipment	\$ 42,767,221	\$ 19,916,008	5.00%	\$ 2,138,361
36	398	Miscellaneous Equipment	\$ 413,561	\$ 241,863	4.00%	\$ 16,542
37	399.1	Asset Retirement Costs for General Plant	\$ 303,410	\$ 197,132	0.00%	\$ -
38		Total General	\$ 188,980,397	\$ 78,257,096		\$ 7,540,298

Ohio Edison Company: 16-1820-EL-RDR  
Annual Depreciation Expense on Estimated Plant Balances as of August 31, 2017

Schedule B-3.2 (Estimate)  
Page 4 of 4

NOTE: Column F is from Case No. 07-551-EL-AIR.

Line No. (A)	Account No. (B)	Account Title (C)	Adjusted Jurisdiction		Current Accrual Rate (F)	Calculated Depr. Expense (G=DxF)
			Plant Investment	Reserve Balance		
			Sch. B-2.1 (Estimate) (D)	Sch. B-3 (Estimate) (E)		
<u>OTHER PLANT</u>						
39	301	Organization	\$ -	\$ -	0.00%	*
40	303	Intangible Software	\$ 85,006,075	\$ 63,120,832	14.29%	*
41	303	Intangible FAS 109 Transmission	\$ 2,023,278	\$ 697,049	2.33%	*
42	303	Intangible FAS 109 Distribution	\$ 1,531,123	\$ 1,499,312	2.89%	*
43	303	Intangible FAS 109 General	\$ 199,091	\$ 188,015	3.87%	*
44		Total Other	\$ 88,759,567	\$ 65,505,208		\$ 5,430,839
45		Removal Work in Progress (RWIP)		(3,419,132)		
46		Total Company Depreciation	\$ 3,321,616,296	\$ 1,302,223,509		\$ 98,668,839
47		Incremental Depreciation Associated with Allocated Service Company Plant **	\$ 121,121,294	\$ 61,384,262		\$ 6,081,551
48		GRAND TOTAL (46 + 47)	\$ 3,442,737,590	\$ 1,363,607,771		\$ 104,750,390

\* Please see the "Intangible Depreciation Expense Calculation: Estimated 8/31/2017 Balances" workpaper for more details behind the calculation of depreciation expense associated with Intangible Plant.

\*\* Source: Line 6 of the "Service Company Allocations to the Ohio Operating Companies (Estimate)" workpaper.

Ohio Edison Company: 16-1820-EL-RDR

Annual Property Tax Expense on Estimated Plant Balances as of August 31, 2017

Schedule C-3.10a (Estimate)

Page 1 of 1

Line No.	Description	Jurisdictional Amount
1	Personal Property Taxes - See Schedule C-3.10a1 (Estimate)	\$ 89,857,538
2	Real Property Taxes - See Schedule C-3.10a2 (Estimate)	\$ 1,396,273
3	Incremental Property Tax Associated with Allocated Service Company Plant *	<u>\$ 76,909</u>
4	Total Property Taxes (1 + 2 + 3)	<u><u>\$ 91,330,721</u></u>

\* Source: Line 7 of the "Service Company Allocations to the Ohio Operating Companies (Estimate)" workpaper.

## Annual Personal Property Tax Expense on Estimated Plant Balances as of August 31, 2017

Schedule C-3.10a1 (Estimate)

Page 1 of 1

Line No.	Description	Jurisdictional Amount		
		Transmission Plant	Distribution Plant	General Plant
1	Jurisdictional Plant in Service (a)	\$ 213,088,522	\$ 2,830,787,809	\$ 188,980,397
2	Jurisdictional Real Property (b)	\$ 20,117,651	\$ 29,356,943	\$ 99,685,406
3	Jurisdictional Personal Property (1 - 2)	\$ 192,970,872	\$ 2,801,430,865	\$ 89,294,992
	<u>Exclusions and Exemptions</u>			
4	Capitalized Asset Retirement Costs (a)	\$ -	\$ 22,272	\$ 303,410
5	Exempt Facilities (c)	\$ 575,438	\$ 2,655,801	\$ -
6	Real Property Classified as Personal Property (c)	\$ 2,516,288	\$ 188,902,142	\$ -
7	Licensed Motor Vehicles (c)	\$ -	\$ -	\$ -
8	Capitalized Interest (f)	\$ 13,157,752	\$ 113,083,891.71	\$ -
9	Total Exclusions and Exemptions (4 thru 8)	\$ 16,249,478	\$ 304,664,107	\$ 303,410
10	Net Cost of Taxable Personal Property (3 - 9)	\$ 176,721,394	\$ 2,496,766,758	\$ 88,991,582
11	True Value Percentage (c)	35.9390%	45.9850%	44.8800%
12	True Value of Taxable Personal Property (10 x 11)	\$ 63,511,902	\$ 1,148,138,194	\$ 39,939,422
13	Assessment Percentage (d)	85.00%	85.00%	24.00%
14	Assessment Value (12 x 13)	\$ 53,985,117	\$ 975,917,465	\$ 9,585,461
15	Personal Property Tax Rate (e)	8.5779000%	8.5779000%	8.5779000%
16	Personal Property Tax (14 x 15)	\$ 4,630,789	\$ 83,713,224	\$ 822,231
17	State Mandated Software Adjustment (c)	\$ -	\$ -	\$ 691,294
18	Total Personal Property Tax (16 + 17)			\$ 89,857,538

(a) Schedule B-2.1 (Estimate)

(b) Schedule B-2.1 (Estimate), Accounts 350, 352, 360, 361, 389, 390 and 390.3

(c) Source: OE's most recent Ohio Annual Property Tax Return Filing

(d) Statutory Assessment for Personal Property

(e) Estimated tax rate for Personal Property based on the most recent Ohio Annual Property Tax Return Filing

(f) Calculation: Line 3 x Percentage from the most recent Ohio Annual Property Tax Return Filing

## Annual Real Property Tax Expense on Estimated Plant Balances as of August 31, 2017

Schedule C-3.10a2 (Estimate)

Page 1 of 1

Line No.	Description	Jurisdictional Amount		
		Transmission Plant	Distribution Plant	General Plant
1	Jurisdictional Real Property (a)	\$ 20,117,651	\$ 29,356,943	\$ 99,685,406
2	Real Property Tax Rate (b)	<u>0.936091%</u>	<u>0.936091%</u>	<u>0.936091%</u>
3	Real Property Tax (1 x 2)	\$ 188,320	\$ 274,808	\$ 933,146
4	Total Real Property Tax (Sum of 3)			<u>1,396,273</u>

(a) Schedule C-3.10a1 (Actual)

(b) Estimated tax rate for Real Estate based on the most recent Ohio Annual Property Tax Return Filing

Calculated as follows:

(1) Real Property Capitalized Cost	\$ 237,648,786	Book cost of real property used to compare to assessed value of real property to derive a true value percentage Calculation: (2) / (1)
(2) Real Property Taxes Paid	<u>\$2,224,609</u>	
(3) Real Property Tax Rate (Paid vs. Capital Costs)	<u><u>0.936091%</u></u>	

The Cleveland Electric Illuminating Company: 16-1819-EL-RDR  
 Ohio Edison Company: 16-1820-EL-RDR  
 The Toledo Edison Company: 16-1821-EL-RDR

**Summary of Exclusions per Case No. 14-1297-EL-SSO  
 Estimated 8/31/2017 Plant in Service Balances**

**General Adjustments**

ATSI Land Lease Certain amounts (summarized below) in account 350 are associated with land leased to ATSI, FirstEnergy's transmission subsidiary. Consistent with Case No. 07-551-EL-AIR, these amounts are not jurisdictional to distribution related plant in service, and have been excluded accordingly for each operating company. There is no accumulated depreciation reserve associated with land.

FERC Account 350	CEI	OE	TE
Gross Plant	\$ 56,405,971	\$ 86,982,409	\$ 15,628,438
Reserve	\$ -	\$ -	\$ -

**ESP IV Adjustments**

Consistent with prior ESPs, "capital additions recovered through Riders LEX, EDR, and AMI will be identified and excluded from Rider DCR and the annual cap allowance" during ESP IV.

AMI Only CEI has an AMI project so this exclusion does not impact OE or TE.  
 Source: Forecast as of June 2017, adjusted to reflect current assumptions.  
 Exclusions related to Rider AMI are determined by specific depreciation groups in PowerPlant and WBS CE-004000

FERC Account	CEI	
	Gross	Reserve
303	\$ (1,795,318)	\$ (131,949)
362	\$ 5,407,078	\$ 1,583,801
364	\$ 172,493	\$ 51,601
365	\$ 1,551,648	\$ 932,362
367	\$ 12,671	\$ 2,952
368	\$ 188,843	\$ 95,038
370	\$ 17,176,055	\$ 6,553,884
397	\$ 4,790,098	\$ 1,748,802
Grand Total	\$ 27,503,568	\$ 10,836,490

LEX As implemented by the Companies, Rider LEX will recover deferred expenses associated with lost up-front line extension payments from 2009-2011. These deferred expenses are recorded as a regulatory asset, not as plant in service, on the Companies' books. Therefore, there is no adjustment to plant in service associated with Rider LEX.

EDR Exclusions related to Rider EDR(g) are determined by the WBS CE-000303.

FERC Account	CEI	
	Gross	Reserve
353	\$ (10,523)	\$ (793)
356	\$ 704	\$ 24
358	\$ 45,150	\$ 1,346
360	\$ 27,801	\$ -
362	\$ (74,460)	\$ (6,824)
364	\$ (17,830)	\$ (1,898)
365	\$ (4,899)	\$ 1,770
366	\$ 49,203	\$ 9,407
367	\$ (100,236)	\$ (1,894)
368	\$ (790)	\$ (17)
369	\$ 27,317	\$ 744
370	\$ (8,957)	\$ (840)
371	\$ (2,721)	\$ (466)
373	\$ 19	\$ 225
390	\$ (6,894)	\$ 2,581
Grand Total	\$ (77,116)	\$ 3,367

The Cleveland Electric Illuminating Company: 16-1819-EL-RDR  
 Ohio Edison Company: 16-1820-EL-RDR  
 The Toledo Edison Company: 16-1821-EL-RDR

### Service Company Allocations to the Ohio Operating Companies (Estimate)

	Service Company	CEI	OE	TE	TOTAL
(1) Allocation Factors from Case 07-551		14.21%	17.22%	7.58%	
(2) Gross Plant	\$ 703,375,694	\$ 99,949,686	\$ 121,121,294	\$ 53,315,878	\$ 274,386,858
(3) Reserve	\$ 356,470,742	\$ 50,654,492	\$ 61,384,262	\$ 27,020,482	\$ 139,059,237
(4) ADIT	\$ 57,858,846	\$ 8,221,742	\$ 9,963,293	\$ 4,385,701	\$ 22,570,736
(5) <b>Rate Base</b>	<b>\$ 41,073,452</b>	<b>\$ 49,773,739</b>	<b>\$ 21,909,695</b>	<b>\$ 112,756,886</b>	
(6) Depreciation Expense (Incremental)	\$ 5,018,516	\$ 6,081,551	\$ 2,677,013	\$ 13,777,079	
(7) Property Tax Expense (Incremental)	\$ 63,466	\$ 76,909	\$ 33,854	\$ 174,229	
(8) <b>Total Expenses</b>	<b>\$ 5,081,981</b>	<b>\$ 6,158,460</b>	<b>\$ 2,710,867</b>	<b>\$ 13,951,309</b>	

- (2) Estimated Gross Plant = 8/31/2017 General and Intangible Plant Balances in the forecast as of June 2017 adjusted to reflect current assumptions and incorporate recommendations from the March 2013, April 2014, April 2015, April 2016, and May 2017 Rider DCR audit reports
- (3) Estimated Reserve = 8/31/2017 General and Intangible Reserve Balances in the forecast as of June 2017 adjusted to reflect current assumptions and incorporate recommendations from the March 2013, April 2014, April 2015, April 2016, and May 2017 Rider DCR audit reports
- (4) ADIT: Estimated ADIT Balances as of 8/31/2017
- (5) Rate Base = Gross Plant - Reserve - ADIT
- (6) Estimated incremental depreciation expense. Additional details provided on "Incremental Depreciation and Property Tax Associated with Service Company Plant: Case No. 07-551-EL-AIR vs. Estimated 8/31/2017 Balances" workpaper.
- (7) Estimated incremental property tax expense. Additional details provided on "Incremental Depreciation and Property Tax Associated with Service Company Plant: Case No. 07-551-EL-AIR vs. Estimated 8/31/2017 Balances" workpaper.
- (8) Total Expenses = Depreciation Expense + Property Tax Expense

All Service Company Allocations for Gross Plant and Reserve can be found on Sch B2.1 (Estimate) and Sch B3 (Estimate), respectively, in order to determine the Grand Totals shown on the "Rider DCR Estimated Distribution Rate Base Additions as of 8/31/2017: Revenue Requirement" workpaper.

The Cleveland Electric Illuminating Company: 16-1819-EL-RDR  
 Ohio Edison Company: 16-1820-EL-RDR  
 The Toledo Edison Company: 16-1821-EL-RDR

### Depreciation Rate for Service Company Plant (Estimate)

#### I. Estimated Depreciation Accrual Rate for Service Company Plant as of May 31, 2007

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Line No.	Account	Account Description	5/31/2007			Accrual Rates			Depreciation Expense	
			Gross	Reserve	Net	CEI	OE	TE		Average
1	Allocation Factors					14.21%	17.22%	7.58%	39.01%	
2	Weighted Allocation Factors					36.43%	44.14%	19.43%	100.00%	
GENERAL PLANT										
3	389	Fee Land & Easements	\$ 556,979	\$ -	\$ 556,979	0.00%	0.00%	0.00%	0.00%	\$ -
4	390	Structures, Improvements *	\$ 21,328,601	\$ 7,909,208	\$ 13,419,393	2.20%	2.50%	2.20%	2.33%	\$ 497,474
5	390.3	Struct Imprv, Leasehold Imp **	\$ 6,938,688	\$ 1,006,139	\$ 5,932,549	22.34%	20.78%	0.00%	21.49%	\$ 1,490,798
6	391.1	Office Furn., Mech. Equip.	\$ 31,040,407	\$ 24,400,266	\$ 6,640,141	7.60%	3.80%	3.80%	5.18%	\$ 1,609,200
7	391.2	Data Processing Equipment	\$ 117,351,991	\$ 26,121,795	\$ 91,230,196	10.56%	17.00%	9.50%	13.20%	\$ 15,486,721
8	392	Transportation Equipment	\$ 11,855	\$ 1,309	\$ 10,546	6.07%	7.31%	6.92%	6.78%	\$ 804
9	393	Stores Equipment	\$ 16,787	\$ 1,447	\$ 15,340	6.67%	2.56%	3.13%	4.17%	\$ 700
10	394	Tools, Shop, Garage Equip.	\$ 11,282	\$ 506	\$ 10,776	4.62%	3.17%	3.33%	3.73%	\$ 421
11	395	Laboratory Equipment	\$ 127,988	\$ 11,126	\$ 116,862	2.31%	3.80%	2.86%	3.07%	\$ 3,935
12	396	Power Operated Equipment	\$ 160,209	\$ 20,142	\$ 140,067	4.47%	3.48%	5.28%	4.19%	\$ 6,713
13	397	Communication Equipment ***	\$ 56,845,501	\$ 32,304,579	\$ 24,540,922	7.50%	5.00%	5.88%	6.08%	\$ 3,457,148
14	398	Misc. Equipment	\$ 465,158	\$ 27,982	\$ 437,176	6.67%	4.00%	3.33%	4.84%	\$ 22,525
15	399.1	ARC General Plant	\$ 40,721	\$ 16,948	\$ 23,773	0.00%	0.00%	0.00%	0.00%	\$ -
16			\$ 234,896,167	\$ 91,821,447	\$ 143,074,720					\$ 22,576,438
INTANGIBLE PLANT										
17	301	Organization	\$ 49,344	\$ 49,344	\$ -	0.00%	0.00%	0.00%	0.00%	\$ -
18	303	Misc. Intangible Plant	\$ 75,721,715	\$ 46,532,553	\$ 29,189,162	14.29%	14.29%	14.29%	14.29%	\$ 10,820,633
19	303	Katz Software	\$ 1,268,271	\$ 1,027,642	\$ 240,630	14.29%	14.29%	14.29%	14.29%	\$ 181,236
20	303	Software 1999	\$ 10,658	\$ 4,881	\$ 5,777	14.29%	14.29%	14.29%	14.29%	\$ 1,523
21	303	Software GPU SC00	\$ 2,343,368	\$ 2,343,368	\$ -	14.29%	14.29%	14.29%	14.29%	\$ -
22	303	Impairment June 2000	\$ 77	\$ 77	\$ (0)	14.29%	14.29%	14.29%	14.29%	\$ -
23	303	3 year depreciable life	\$ 55,645	\$ 14,684	\$ 40,961	14.29%	14.29%	14.29%	14.29%	\$ 7,952
24	303	Debt Gross-up (FAS109): General	\$ 117,298	\$ 117,298	\$ -	3.87%	3.87%	3.87%	3.87%	\$ -
25	303	Debt Gross-up (FAS109): G/P Land	\$ 1,135	\$ 1,137	\$ (2)	3.87%	3.87%	3.87%	3.87%	\$ -
26			\$ 79,567,511	\$ 50,090,984	\$ 29,476,527					\$ 11,011,344
27	TOTAL - GENERAL & INTANGIBLE		\$ 314,463,678	\$ 141,912,431	\$ 172,551,247				10.68%	\$ 33,587,782

#### NOTES

(C) - (E) Service Company plant balances as of May 31, 2007.

(F) - (H) Source: Case No. 07-551-EL-AIR. Staff workpapers, Schedule B3.2.

In Case No. 07-551-EL-AIR, CEI and TE did not have an accrual rate for Account 303 (FAS 109 - General). Assumed to be the same as OE.

(I) Weighted average of columns F through H based on Service Company allocation factors on Line 2.

Assumes that the accrual rate, by account, for Service Company plant is equal to the weighted average of the three operating companies.

(J) Estimated depreciation expense associated with Service Company plant as of 5/31/07. Calculation: Column C x Column I.

\* Includes accounts 390.1 and 390.2.

\*\* Weighted average accrual rate is taken over CEI and OE only. (TE had no balance in Case No. 07-551-EL-AIR).

\*\*\* Includes accounts 397 and 397.1



**Depreciation Rate for Service Company Plant (Estimate)**

**II. Estimated Depreciation Accrual Rate for Service Company Plant as of August 31, 2017**

Line No.	(A) Account	(B) Account Description	(C) Estimated 8/31/2017 Balances			(F) Accrual Rates				(J) Depreciation Expense
			Gross	Reserve	Net	CEI	OE	TE	Average	
28	Allocation Factors					14.21%	17.22%	7.58%	39.01%	
29	Weighted Allocation Factors					36.43%	44.14%	19.43%	100.00%	
<b>GENERAL PLANT</b>										
30	389	Fee Land & Easements	\$ 230,947	\$ -	\$ 230,947	0.00%	0.00%	0.00%	0.00%	\$ -
31	390	Structures, Improvements *	\$ 51,878,451	\$ 24,686,976	\$ 27,191,475	2.20%	2.50%	2.20%	2.33%	\$ 1,210,027
32	390.3	Struct Imprv, Leasehold Imp **	\$ 16,199,952	\$ 7,473,671	\$ 8,726,281	22.34%	20.78%	0.00%	21.49%	\$ 3,480,608
33	391.1	Office Furn., Mech. Equip.	\$ 4,734,166	\$ (3,577,070)	\$ 8,311,236	7.60%	3.80%	3.80%	5.18%	\$ 245,429
34	391.2	Data Processing Equipment	\$ 159,042,066	\$ 46,731,719	\$ 112,310,347	10.56%	17.00%	9.50%	13.20%	\$ 20,988,481
35	392	Transportation Equipment	\$ 655,175	\$ 230,511	\$ 424,665	6.07%	7.31%	6.92%	6.78%	\$ 44,437
36	393	Stores Equipment	\$ 16,704	\$ 7,255	\$ 9,448	6.67%	2.56%	3.13%	4.17%	\$ 696
37	394	Tools, Shop, Garage Equip.	\$ 194,137	\$ 17,334	\$ 176,803	4.62%	3.17%	3.33%	3.73%	\$ 7,240
38	395	Laboratory Equipment	\$ 106,531	\$ 28,227	\$ 78,304	2.31%	3.80%	2.86%	3.07%	\$ 3,275
39	396	Power Operated Equipment	\$ 424,994	\$ 94,067	\$ 330,928	4.47%	3.48%	5.28%	4.19%	\$ 17,809
40	397	Communication Equipment ***	\$ 112,659,594	\$ 38,233,219	\$ 74,426,375	7.50%	5.00%	5.88%	6.08%	\$ 6,851,569
41	398	Misc. Equipment	\$ 3,135,265	\$ 1,067,184	\$ 2,068,081	6.67%	4.00%	3.33%	4.84%	\$ 151,822
42	399.1	ARC General Plant	\$ 40,721	\$ 26,457	\$ 14,264	0.00%	0.00%	0.00%	0.00%	\$ -
43			\$ 349,318,704	\$ 115,019,550	\$ 234,299,154					\$ 33,001,395
<b>INTANGIBLE PLANT</b>										
44	301	FECO 101/6-301 Organization Fst	\$ 49,344	\$ 49,344	\$ -	0.00%	0.00%	0.00%	0.00%	\$ -
45	303	FECO 101/6 303 Intangibles	\$ 12,006,885	\$ 9,921,619	\$ 2,085,266	14.29%	14.29%	14.29%	14.29%	\$ 1,715,784
46	303	FECO 101/6 303 Katz Software	\$ 1,268,271	\$ 1,268,271	\$ -	14.29%	14.29%	14.29%	14.29%	\$ -
47	303	FECO 101/6-303 2003 Software	\$ 24,400,196	\$ 24,400,196	\$ -	14.29%	14.29%	14.29%	14.29%	\$ -
48	303	FECO 101/6-303 2004 Software	\$ 12,676,215	\$ 12,676,215	\$ -	14.29%	14.29%	14.29%	14.29%	\$ -
49	303	FECO 101/6-303 2005 Software	\$ 1,086,776	\$ 1,086,776	\$ -	14.29%	14.29%	14.29%	14.29%	\$ -
50	303	FECO 101/6-303 2006 Software	\$ 5,680,002	\$ 5,680,002	\$ -	14.29%	14.29%	14.29%	14.29%	\$ -
51	303	FECO 101/6-303 2007 Software	\$ 7,245,250	\$ 7,245,250	\$ -	14.29%	14.29%	14.29%	14.29%	\$ -
52	303	FECO 101/6-303 2008 Software	\$ 7,404,178	\$ 7,404,178	\$ -	14.29%	14.29%	14.29%	14.29%	\$ -
53	303	FECO 101/6-303 2009 Software	\$ 15,969,099	\$ 15,969,099	\$ -	14.29%	14.29%	14.29%	14.29%	\$ -
54	303	FECO 101/6-303 2010 Software	\$ 19,353,964	\$ 19,353,964	\$ -	14.29%	14.29%	14.29%	14.29%	\$ -
55	303	FECO 101/6-303 2011 Software	\$ 53,742,285	\$ 47,159,532	\$ 6,582,752	14.29%	14.29%	14.29%	14.29%	\$ 6,582,752
56	303	FECO 101/6-303 2012 Software	\$ 38,042,303	\$ 26,806,295	\$ 11,236,009	14.29%	14.29%	14.29%	14.29%	\$ 5,436,245
57	303	FECO 101/6-303 2013 Software	\$ 79,856,605	\$ 42,670,508	\$ 37,186,098	14.29%	14.29%	14.29%	14.29%	\$ 11,411,509
58	303	FECO 101/6-303 2014 Software	\$ 24,001,063	\$ 9,718,080	\$ 14,282,983	14.29%	14.29%	14.29%	14.29%	\$ 3,429,752
59	303	FECO 101/6-303 2015 Software	\$ 30,924,542	\$ 7,567,489	\$ 23,357,053	14.29%	14.29%	14.29%	14.29%	\$ 4,419,117
60	303	FECO 101/6-303 2016 Software	\$ 19,881,311	\$ 2,548,015	\$ 17,333,296	14.29%	14.29%	14.29%	14.29%	\$ 2,841,039
61	303	FECO 101/6-303 2017 Software	\$ 468,700	\$ 21,859	\$ 446,841	14.29%	14.29%	14.29%	14.29%	\$ 66,977
62			\$ 354,056,990	\$ 241,546,692	\$ 112,510,298					\$ 35,903,176
63	Removal Work in Progress (RWIP)		\$ (95,500)							
64	<b>TOTAL - GENERAL &amp; INTANGIBLE</b>		\$ 703,375,694	\$ 356,470,742	\$ 346,809,452					<b>9.80% \$ 68,904,570</b>

**NOTES**

(C) - (E) Estimated 8/31/2017 balances. Source: The forecast as of June 2017 adjusted to reflect current assumptions and incorporate recommendations from the March 2013, April 2014, April 2015, April 2016, May 2017 Rider DCR audit reports.

(F) - (H) Source: Schedule B3.2 (Estimate).

(I) Weighted average of columns F through H based on Service Company allocation factors on Line 29.

Assumes that the accrual rate, by account, for Service Company plant is equal to the weighted average of the three operating companies.

(J) Estimated depreciation expense associated with Service Company plant as of 8/31/2017. Calculation: Column C x Column I.

\* Includes accounts 390.1 and 390.2.

\*\* Weighted average accrual rate is taken over CEI and OE only. (TE had no balance in Case No. 07-551-EL-AIR).

\*\*\* Includes accounts 397 and 397.1

The Cleveland Electric Illuminating Company: 16-1819-EL-RDR  
Ohio Edison Company: 16-1820-EL-RDR  
The Toledo Edison Company: 16-1821-EL-RDR

### Property Tax Rate for Service Company Plant (Estimate)

<b>I. Average Real Property Tax Rates on General Plant as of May 31, 2007 *</b>						
<b>No.</b>	<b>(A) Category</b>	<b>(B) CEI</b>	<b>(C) OE</b>	<b>(D) TE</b>	<b>(E) Average **</b>	<b>(F) Source / Calculation</b>
1	Allocation Factors	14.21%	17.22%	7.58%	39.01%	"Service Company Allocations to the Ohio Operating Companies (Estimate)" workpaper
2	Weighted Allocation Factors	36.43%	44.14%	19.43%	100.00%	Weighted Line 1
<u>Real Property Tax</u>						
3	True Value Percentage	72.69%	62.14%	49.14%	63.45%	Case No. 07-551-EL-AIR.
4	Assessment Percentage	35.00%	35.00%	35.00%	35.00%	Case No. 07-551-EL-AIR.
5	Real Property Tax Rate	7.23%	6.04%	7.23%	6.70%	Case No. 07-551-EL-AIR.
6	Average Rate	1.84%	1.31%	1.24%	1.49%	Line 3 x Line 4 x Line 5
<p>* Note: Effective with an Ohio tax law change in 2005, non-utilities do not pay Personal Property Tax. Accordingly, for purposes of determining the average Property Tax rate applicable to Service Company plant, only Real Property Tax is considered.</p> <p>** Weighted average based on Service Company allocation factors.</p> <p>Assumes that the tax rate for Service Company plant is equal to the weighted average of the three operating companies.</p>						

<b>II. Estimated Property Tax Rate for Service Company General Plant as of May 31, 2007</b>						
<b>No.</b>	<b>(A) Account</b>	<b>(B) Account Description</b>	<b>(C) Tax Category</b>	<b>(D) Avg. Tax Rate</b>	<b>(E) Gross Plant</b>	<b>(F) Property Tax</b>
7	389	Fee Land & Easements	Real	1.49%	\$ 556,979	\$ 8,294
8	390	Structures, Improvements	Real	1.49%	\$ 21,328,601	\$ 317,594
9	390.3	Struct Imprv, Leasehold Imp	Real	1.49%	\$ 6,938,688	\$ 103,321
10	391.1	Office Furn., Mech. Equip.	Personal		\$ 31,040,407	\$ -
11	391.2	Data Processing Equipment	Personal		\$ 117,351,991	\$ -
12	392	Transportation Equipment	Personal		\$ 11,855	\$ -
13	393	Stores Equipment	Personal		\$ 16,787	\$ -
14	394	Tools, Shop, Garage Equip.	Personal		\$ 11,282	\$ -
15	395	Laboratory Equipment	Personal		\$ 127,988	\$ -
16	396	Power Operated Equipment	Personal		\$ 160,209	\$ -
17	397	Communication Equipment	Personal		\$ 56,845,501	\$ -
18	398	Misc. Equipment	Personal		\$ 465,158	\$ -
19	399.1	ARC General Plant	Personal		\$ 40,721	\$ -
20	<b>TOTAL - GENERAL PLANT</b>				\$ 234,896,167	\$ 429,208
21	<b>TOTAL - INTANGIBLE PLANT</b>				\$ 79,567,511	\$ -
22	<b>TOTAL - GENERAL &amp; INTANGIBLE PLANT</b>				\$ 314,463,678	\$ 429,208
23	<b>Average Effective Real Property Tax Rate</b>					<b>0.14%</b>

#### NOTES

- (C) Source: Case No. 07-551-EL-AIR, Schedule C3.10. Classification of General Plant account as Real or Personal Property
- (D) Average property tax rate across CEI, OE, and TE. See Section I above.  
Note: Effective with an Ohio tax law change in 2005, non-utilities do not pay Personal Property Tax.
- (E) Service Company General plant as of May 31, 2007.
- (F) Calculation: Column D x Column E

The Cleveland Electric Illuminating Company: 16-1819-EL-RDR  
Ohio Edison Company: 16-1820-EL-RDR  
The Toledo Edison Company: 16-1821-EL-RDR

### Property Tax Rate for Service Company Plant (Estimate)

III. Estimated Average Real Property Tax Rates on General Plant as of August 31, 2017 *						
No.	(A) Category	(B) CEI	(C) OE	(D) TE	(E) Average **	(F) Source / Calculation
24	Allocation Factors	14.21%	17.22%	7.58%	39.01%	"Service Company Allocations to the Ohio Operating Companies (Estimate)" workpaper
25	Weighted Allocation Factors	36.43%	44.14%	19.43%	100.00%	Weighted Line 24
<u>Real Property Tax</u>						
26	Average Rate	1.73%	0.94%	1.24%	1.28%	Schedule C3.10a2 (Estimate)
* Note: Effective with an Ohio tax law change in 2005, non-utilities do not pay Personal Property Tax. Accordingly, for purposes of determining the average Property Tax rate applicable to Service Company plant, only Real Property Tax is considered.						
** Weighted average based on Service Company allocation factors.						
Assumes that the tax rate for Service Company plant is equal to the weighted average of the three operating companies.						

IV. Estimated Property Tax Rate for Service Company General Plant as of August 31, 2017						
No.	(A) Account	(B) Account Description	(C) Tax Category	(D) Avg. Tax Rate	(E) Gross Plant	(F) Property Tax
27	389	Fee Land & Easements	Real	1.28%	\$ 230,947	\$ 2,961
28	390	Structures, Improvements	Real	1.28%	\$ 51,878,451	\$ 665,165
29	390.3	Struct Imprv, Leasehold Imp	Real	1.28%	\$ 16,199,952	\$ 207,709
30	391.1	Office Furn., Mech. Equip.	Personal		\$ 4,734,166	\$ -
31	391.2	Data Processing Equipment	Personal		\$ 159,042,066	\$ -
32	392	Transportation Equipment	Personal		\$ 655,175	\$ -
33	393	Stores Equipment	Personal		\$ 16,704	\$ -
34	394	Tools, Shop, Garage Equip.	Personal		\$ 194,137	\$ -
35	395	Laboratory Equipment	Personal		\$ 106,531	\$ -
36	396	Power Operated Equipment	Personal		\$ 424,994	\$ -
37	397	Communication Equipment	Personal		\$ 112,659,594	\$ -
38	398	Misc. Equipment	Personal		\$ 3,135,265	\$ -
39	399.1	ARC General Plant	Personal		\$ 40,721	\$ -
40	<b>TOTAL - GENERAL PLANT</b>				\$ 349,318,704	\$ 875,835
41	<b>TOTAL - INTANGIBLE PLANT</b>				\$ 354,056,990	\$ -
42	<b>TOTAL - GENERAL &amp; INTANGIBLE PLANT</b>				\$ 703,375,694	\$ 875,835
43	<b>Average Effective Real Property Tax Rate</b>					<b>0.12%</b>

#### NOTES

- (C) Source: Schedule C3.10 (Estimate). Classification of General Plant account as Real or Personal Property
- (D) Weighted average property tax rate across CEI, OE, and TE. See Section III above.  
Note: Effective with an Ohio tax law change in 2005, non-utilities do not pay Personal Property Tax.
- (E) Estimated Service Company General gross plant balances as of 8/31/2017. Source: The forecast as of June 2017 adjusted to reflect current assumptions and incorporate recommendations from the March 2013, April 2014, April 2015, April 2016, and May 2017 Rider DCR audit reports.
- (F) Calculation: Column D x Column E

The Cleveland Electric Illuminating Company: 16-1819-EL-RDR  
Ohio Edison Company: 16-1820-EL-RDR  
The Toledo Edison Company: 16-1821-EL-RDR

**Incremental Depreciation and Property Tax Associated with Service Company Plant**  
**Case No. 07-551-EL-AIR vs. Estimated 8/31/2017 Balances**

<b><u>I. Estimated Allocated Service Company Plant and Related Expenses as of August 31, 2017</u></b>							
<b>Line</b>	<b>Category</b>	<b>Service Co.</b>	<b>CEI</b>	<b>OE</b>	<b>TE</b>	<b>TOTAL</b>	<b>Source / Notes</b>
1	Allocation Factor		14.21%	17.22%	7.58%	39.01%	Case No. 07-551-EL-AIR
	<u>Total Plant</u>						
2	Gross Plant	\$ 703,375,694	\$ 99,949,686	\$ 121,121,294	\$ 53,315,878	\$ 274,386,858	"Depreciation Rate for Service Company Plant (Estimate)" workpaper, Line 64 x Line 1
3	Accum. Reserve	\$ (356,470,742)	\$ (50,654,492)	\$ (61,384,262)	\$ (27,020,482)	\$ (139,059,237)	"Depreciation Rate for Service Company Plant (Estimate)" workpaper, Line 64 x Line 1
4	Net Plant	<u>\$ 346,904,951</u>	<u>\$ 49,295,194</u>	<u>\$ 59,737,033</u>	<u>\$ 26,295,395</u>	<u>\$ 135,327,621</u>	Line 2 + Line 3
5	Depreciation *	9.80%	\$ 9,791,339	\$ 11,865,367	\$ 5,222,966	\$ 26,879,673	Average Rate x Line 2
6	Property Tax *	0.12%	\$ 124,456	\$ 150,819	\$ 66,388	\$ 341,663	Average Rate x Line 2
7	Total Expenses		\$ 9,915,796	\$ 12,016,186	\$ 5,289,355	\$ 27,221,336	
<p>* Effective Depreciation and Property Tax rates based on weighted averages across companies over General and Intangible plant, as of 8/31/2017.  See line 64 of the "Depreciation Rate for Service Company Plant (Estimate)" workpaper and line 43 of the "Property Tax Rate for Service Company Plant (Estimate)" workpaper for more details.</p>							

<b><u>II. Estimated Allocated Service Company Plant and Related Expenses as of May 31, 2007</u></b>							
<b>Line</b>	<b>Rate Base</b>	<b>Service Co.</b>	<b>CEI</b>	<b>OE</b>	<b>TE</b>	<b>TOTAL</b>	<b>Source / Notes</b>
8	Allocation Factor		14.21%	17.22%	7.58%	39.01%	Case No. 07-551-EL-AIR
	<u>Total Plant</u>						
9	Gross Plant	\$ 314,463,678	\$ 44,685,289	\$ 54,150,645	\$ 23,836,347	\$ 122,672,281	"Depreciation Rate for Service Company Plant (Estimate)" workpaper, Line 27 x Line 8
10	Accum. Reserve	\$ (141,912,431)	\$ (20,165,756)	\$ (24,437,321)	\$ (10,756,962)	\$ (55,360,039)	"Depreciation Rate for Service Company Plant (Estimate)" workpaper, Line 27 x Line 8
11	Net Plant	<u>\$ 172,551,247</u>	<u>\$ 24,519,532</u>	<u>\$ 29,713,325</u>	<u>\$ 13,079,385</u>	<u>\$ 67,312,242</u>	Line 9 + Line 10
12	Depreciation *	10.68%	\$ 4,772,824	\$ 5,783,816	\$ 2,545,954	\$ 13,102,594	Average Rate x Line 9
13	Property Tax *	0.14%	\$ 60,990	\$ 73,910	\$ 32,534	\$ 167,434	Average Rate x Line 9
14	Total Expenses		\$ 4,833,814	\$ 5,857,726	\$ 2,578,488	\$ 13,270,028	Line 12 + Line 13
<p>* Effective Depreciation and Property Tax rates based on weighted averages across companies over General and Intangible plant as of 5/31/07.  See line 27 of the "Depreciation Rate for Service Company Plant (Estimate)" workpaper and line 23 of the "Property Tax Rate for Service Company Plant (Estimate)" workpaper for more details.</p>							

<b><u>III. Estimated Incremental Expenses Associated with Allocated Service Company Plant *</u></b>							
<b>Line</b>	<b>Rate Base</b>	<b>Service Co.</b>	<b>CEI</b>	<b>OE</b>	<b>TE</b>	<b>TOTAL</b>	<b>Source / Notes</b>
15	Depreciation	-0.88%	\$ 5,018,516	\$ 6,081,551	\$ 2,677,013	\$ 13,777,079	Line 5 - Line 12
16	Property Tax	-0.01%	\$ 63,466	\$ 76,909	\$ 33,854	\$ 174,229	Line 6 - Line 13
17	Total Expenses		\$ 5,081,981	\$ 6,158,460	\$ 2,710,867	\$ 13,951,309	Line 15 + Line 16
<p>* In Case No. 07-551-EL-AIR, test year operating expenses included allocated depreciation and property tax associated with Service Company plant. This section calculates the difference between the estimated level of these expenses included in base rates and the expected expenses to be incurred based on Service Company plant balances as of August 31, 2017. The incremental expenses calculated on Line 17 above are added to the Rider DCR revenue requirements.</p>							

**Intangible Depreciation Expense Calculation**  
**Estimated 8/31/2017 Balances**

**NOTE**

The software accounts are amortized over a 7 year period (leading to an accrual rate of 14.29%), and many of these accounts have already been fully amortized. Therefore, applying the 14.29% accrual rate to the Gross Plant (the methodology employed for all other accounts) overstates the "depreciation expense" associated with intangible plant. This worksheet looks at each sub account within intangible plant and calculates the expense by applying the 14.29% to only those sub-accounts that are not fully amortized yet.

Company (A)	Utility Account (B)	Function (C)	Gross Plant Aug-17 (D)	Reserve Aug-17 (E)	Net Plant Aug-17 (F)	Accrual Rates (G)	Depreciation Exp (H)
CECO The Illuminating Co.	CECO 101/6-303 2002 Software	Intangible Plant	\$ 2,966,784	\$ 2,966,784	\$ -	14.29%	\$ -
CECO The Illuminating Co.	CECO 101/6-303 2003 Software	Intangible Plant	\$ 1,307,067	\$ 1,307,067	\$ -	14.29%	\$ -
CECO The Illuminating Co.	CECO 101/6-303 2004 Software	Intangible Plant	\$ 3,596,344	\$ 3,596,344	\$ -	14.29%	\$ -
CECO The Illuminating Co.	CECO 101/6-303 2005 Software	Intangible Plant	\$ 1,223,045	\$ 1,223,045	\$ -	14.29%	\$ -
CECO The Illuminating Co.	CECO 101/6-303 2006 Software	Intangible Plant	\$ 1,811,961	\$ 1,811,961	\$ -	14.29%	\$ -
CECO The Illuminating Co.	CECO 101/6-303 2007 Software	Intangible Plant	\$ 5,876,822	\$ 5,876,822	\$ -	14.29%	\$ -
CECO The Illuminating Co.	CECO 101/6-303 2008 Software	Intangible Plant	\$ 1,071,225	\$ 1,071,225	\$ -	14.29%	\$ -
CECO The Illuminating Co.	CECO 101/6-303 2009 Software	Intangible Plant	\$ 3,245,233	\$ 3,245,233	\$ -	14.29%	\$ -
CECO The Illuminating Co.	CECO 101/6-303 2010 Software	Intangible Plant	\$ 2,808,760	\$ 2,808,760	\$ -	14.29%	\$ -
CECO The Illuminating Co.	CECO 101/6-303 2011 Software	Intangible Plant	\$ 5,819,341	\$ 5,128,917	\$ 690,424	14.29%	\$ 690,424
CECO The Illuminating Co.	CECO 101/6-303 2012 Software	Intangible Plant	\$ 766,173	\$ 522,257	\$ 243,916	14.29%	\$ 109,486
CECO The Illuminating Co.	CECO 101/6-303 2013 Software	Intangible Plant	\$ 2,199,989	\$ 1,338,495	\$ 861,494	14.29%	\$ 314,378
CECO The Illuminating Co.	CECO 101/6-303 2014 Software	Intangible Plant	\$ 3,333,580	\$ 1,281,632	\$ 2,051,949	14.29%	\$ 476,369
CECO The Illuminating Co.	CECO 101/6-303 2015 Software	Intangible Plant	\$ 2,305,749	\$ 465,026	\$ 1,840,723	14.29%	\$ 329,492
CECO The Illuminating Co.	CECO 101/6-303 2016 Software	Intangible Plant	\$ 4,731,447	\$ 528,315	\$ 4,203,133	14.29%	\$ 676,124
CECO The Illuminating Co.	CECO 101/6-303 2017 Software	Intangible Plant	\$ 766,740	\$ 53,039	\$ 713,700	14.29%	\$ 109,567
CECO The Illuminating Co.	CECO 101/6-303 FAS109 Dist- Forecast	Intangible Plant	\$ 2,001,124	\$ 2,001,124	\$ -	3.18%	\$ -
CECO The Illuminating Co.	CECO 101/6-303 FAS109 Transm-FCT	Intangible Plant	\$ 1,176,339	\$ 1,114,242	\$ 62,098	2.15%	\$ 25,291
CECO The Illuminating Co.	CECO 101/6-303 Software	Intangible Plant	\$ 2,255,959	\$ 1,217,319	\$ 1,038,640	14.29%	\$ 322,376
CECO The Illuminating Co.	CECO 101/6-303 Software Evolution	Intangible Plant	\$ 12,454,403	\$ 12,454,403	\$ -	14.29%	\$ -
<b>Total</b>			<b>\$ 61,718,084</b>	<b>\$ 50,012,009</b>	<b>\$ 11,706,075</b>		<b>\$ 3,053,507</b>
OECO Ohio Edison Co.	OECO 101/6-301 Organization	Intangible Plant	\$ -	\$ -	\$ -	0.00%	\$ -
OECO Ohio Edison Co.	OECO 101/6-303 2002 Software	Intangible Plant	\$ 3,690,067	\$ 3,690,067	\$ -	14.29%	\$ -
OECO Ohio Edison Co.	OECO 101/6-303 2003 Software	Intangible Plant	\$ 17,568,726	\$ 17,568,726	\$ -	14.29%	\$ -
OECO Ohio Edison Co.	OECO 101/6-303 2004 Software	Intangible Plant	\$ 4,524,343	\$ 4,524,343	\$ -	14.29%	\$ -
OECO Ohio Edison Co.	OECO 101/6-303 2005 Software	Intangible Plant	\$ 1,469,370	\$ 1,469,370	\$ -	14.29%	\$ -
OECO Ohio Edison Co.	OECO 101/6-303 2006 Software	Intangible Plant	\$ 2,754,124	\$ 2,754,124	\$ -	14.29%	\$ -
OECO Ohio Edison Co.	OECO 101/6-303 2007 Software	Intangible Plant	\$ 7,208,211	\$ 7,208,211	\$ -	14.29%	\$ -
OECO Ohio Edison Co.	OECO 101/6-303 2008 Software	Intangible Plant	\$ 1,343,335	\$ 1,343,335	\$ -	14.29%	\$ -
OECO Ohio Edison Co.	OECO 101/6-303 2009 Software	Intangible Plant	\$ 4,181,304	\$ 4,181,304	\$ -	14.29%	\$ -
OECO Ohio Edison Co.	OECO 101/6-303 2010 Software	Intangible Plant	\$ 3,293,501	\$ 3,293,501	\$ -	14.29%	\$ -
OECO Ohio Edison Co.	OECO 101/6-303 2011 Software	Intangible Plant	\$ 8,201,370	\$ 7,171,109	\$ 1,030,261	14.29%	\$ 1,030,261
OECO Ohio Edison Co.	OECO 101/6-303 2012 Software	Intangible Plant	\$ 963,533	\$ 702,022	\$ 261,511	14.29%	\$ 137,689
OECO Ohio Edison Co.	OECO 101/6-303 2013 Software	Intangible Plant	\$ 5,907,815	\$ 3,163,913	\$ 2,743,903	14.29%	\$ 844,227
OECO Ohio Edison Co.	OECO 101/6-303 2014 Software	Intangible Plant	\$ 5,606,259	\$ 2,195,685	\$ 3,410,575	14.29%	\$ 801,134
OECO Ohio Edison Co.	OECO 101/6-303 2015 Software	Intangible Plant	\$ 6,461,069	\$ 1,097,865	\$ 5,363,204	14.29%	\$ 923,287
OECO Ohio Edison Co.	OECO 101/6-303 2016 Software	Intangible Plant	\$ 5,593,646	\$ 690,461	\$ 4,903,185	14.29%	\$ 799,332
OECO Ohio Edison Co.	OECO 101/6-303 2017 Software	Intangible Plant	\$ 1,383,774	\$ 93,464	\$ 1,290,310	14.29%	\$ 197,741
OECO Ohio Edison Co.	OECO 101/6-303 FAS109 Dist Land	Intangible Plant	\$ 35,276	\$ (1,806)	\$ 37,082	2.89%	\$ -
OECO Ohio Edison Co.	OECO 101/6-303 FAS109 Distribution	Intangible Plant	\$ 1,495,847	\$ 1,501,118	\$ (5,271)	2.89%	\$ -
OECO Ohio Edison Co.	OECO 101/6-303 FAS109 General Lan	Intangible Plant	\$ 7,778	\$ -	\$ 7,778	3.87%	\$ -
OECO Ohio Edison Co.	OECO 101/6-303 FAS109 General Plt	Intangible Plant	\$ 191,313	\$ 188,015	\$ 3,299	3.87%	\$ 3,299
OECO Ohio Edison Co.	OECO 101/6-303 FAS109 Trans Land	Intangible Plant	\$ 1,326,229	\$ -	\$ 1,326,229	2.33%	\$ -
OECO Ohio Edison Co.	OECO 101/6-303 FAS109 Transmissio	Intangible Plant	\$ 697,049	\$ 697,049	\$ -	2.33%	\$ -
OECO Ohio Edison Co.	OECO 101/6-303 Intangibles	Intangible Plant	\$ 4,855,628	\$ 1,973,332	\$ 2,882,295	14.29%	\$ 693,869
<b>Total</b>			<b>\$ 88,759,567</b>	<b>\$ 65,505,208</b>	<b>\$ 23,254,359</b>		<b>\$ 5,430,839</b>
TECO Toledo Edison Co.	TECO 101/6-303 2002 Software	Intangible Plant	\$ 1,708,412	\$ 1,708,412	\$ -	14.29%	\$ -
TECO Toledo Edison Co.	TECO 101/6-303 2003 Software	Intangible Plant	\$ 7,478,386	\$ 7,478,386	\$ -	14.29%	\$ -
TECO Toledo Edison Co.	TECO 101/6-303 2004 Software	Intangible Plant	\$ 862,457	\$ 862,457	\$ -	14.29%	\$ -
TECO Toledo Edison Co.	TECO 101/6-303 2005 Software	Intangible Plant	\$ 699,602	\$ 699,602	\$ -	14.29%	\$ -
TECO Toledo Edison Co.	TECO 101/6-303 2006 Software	Intangible Plant	\$ 834,729	\$ 834,729	\$ -	14.29%	\$ -
TECO Toledo Edison Co.	TECO 101/6-303 2007 Software	Intangible Plant	\$ 3,182,778	\$ 3,182,778	\$ -	14.29%	\$ -
TECO Toledo Edison Co.	TECO 101/6-303 2008 Software	Intangible Plant	\$ 578,266	\$ 578,266	\$ -	14.29%	\$ -
TECO Toledo Edison Co.	TECO 101/6-303 2009 Software	Intangible Plant	\$ 1,878,487	\$ 1,878,487	\$ -	14.29%	\$ -
TECO Toledo Edison Co.	TECO 101/6-303 2010 Software	Intangible Plant	\$ 1,456,633	\$ 1,456,633	\$ -	14.29%	\$ -
TECO Toledo Edison Co.	TECO 101/6-303 2011 Software	Intangible Plant	\$ 2,259,874	\$ 1,991,399	\$ 268,475	14.29%	\$ 268,475
TECO Toledo Edison Co.	TECO 101/6-303 2012 Software	Intangible Plant	\$ 554,860	\$ 371,308	\$ 183,551	14.29%	\$ 79,289
TECO Toledo Edison Co.	TECO 101/6-303 2013 Software	Intangible Plant	\$ 1,576,078	\$ 816,669	\$ 759,409	14.29%	\$ 225,222
TECO Toledo Edison Co.	TECO 101/6-303 2014 Software	Intangible Plant	\$ 1,961,451	\$ 838,664	\$ 1,122,787	14.29%	\$ 280,291
TECO Toledo Edison Co.	TECO 101/6-303 2015 Software	Intangible Plant	\$ 1,059,804	\$ 207,329	\$ 852,475	14.29%	\$ 151,446
TECO Toledo Edison Co.	TECO 101/6-303 2016 Software	Intangible Plant	\$ 1,801,231	\$ 236,065	\$ 1,565,166	14.29%	\$ 257,396
TECO Toledo Edison Co.	TECO 101/6-303 2017 Software	Intangible Plant	\$ 223,927	\$ 14,071	\$ 209,855	14.29%	\$ 31,999
TECO Toledo Edison Co.	TECO 101/6-303 FAS109 Distribution	Intangible Plant	\$ 239,903	\$ 239,901	\$ 2	3.10%	\$ 2
TECO Toledo Edison Co.	TECO 101/6-303 FAS109 Transmission	Intangible Plant	\$ 53,999	\$ 51,340	\$ 2,658	2.37%	\$ 1,280
TECO Toledo Edison Co.	TECO 101/6-303 Software	Intangible Plant	\$ 1,000,690	\$ 330,166	\$ 670,524	14.29%	\$ 142,999
<b>Total</b>			<b>\$ 29,411,566</b>	<b>\$ 23,776,662</b>	<b>\$ 5,634,903</b>		<b>\$ 1,438,399</b>

**NOTES**

(D) - (F) Source: The forecast as of June 2017 adjusted to reflect current assumptions and incorporate recommendations from the March 2013, April 2014, April 2015, April 2016, and May 2017 Rider DCR audit reports.

(G) Source: Case No. 07-551-EL-AIR

(H) Accrual rate only applies to the (non-land) gross plant of those accounts that are not fully amortized.

**Rider Charge Calculation - Rider DCR**

I. Annual Revenue Requirement For September - November 2017 Rider DCR Rates

	(A)	(B)
	Company	Rev Req 8/31/2017
(1)	CEI	\$ 119,827,927
(2)	OE	\$ 122,441,063
(3)	TE	\$ 31,298,395
(4)	TOTAL	\$ 273,567,384

**NOTES**

(B) Annual Revenue Requirement based on estimated 8/31/2017 Rate Base

II. Quarterly Revenue Requirement Additions

	(A)	(B)	(C)	(D)
	Description	CEI	OE	TE
(1)	DCR Audit Expense Recovery	\$ 16,112	\$ 16,112	\$ 16,112
(2)	June - August 2017 Reconciliation Amount Adjusted for September - November 2017	\$ 808,400	\$ (170,564)	\$ (480,749)
(3)	May 2017 DCR Audit Recommendations	\$ 6,275	\$ 95,621	\$ (2,199)
(4)	Total Reconciliation	\$ 830,787	\$ (58,831)	\$ (466,836)

**SOURCES**

- Line 1: Source: Remaining DCR Audit Expenses to be recovered during September - November 2017.  
Line 2: Source: "Quarterly Revenue Requirement Additions: Calculation of June - August 2017 Reconciliation Amount Adjusted for September - November 2017" workpaper, Section III, Col. G  
Line 3: Source: Cumulative revenue requirement impact of recommendations from the May 2017 Rider DCR audit report.  
Line 4: Calculation: Line 1 + Line 2 + Line 3

**Rider Charge Calculation - Rider DCR**

III. Allocation of Total DCR Revenue Requirement to RS and Non-RS (Based on Sales)

	(A)	(B)	(C)	(D)	(E)	(F)
	Company	Rate Schedule	Annual KWH Sales		Annual Rev Req Allocations	Quarterly Reconciliation
			Total	% Total		
(1)	CEI	RS	5,496,631,987	34.68%	\$ 41,552,589	\$ 288,091
(2)		GS, GP, GSU	10,354,366,222	65.32%	\$ 78,275,338	\$ 542,696
(3)			15,850,998,209	100.00%	\$ 119,827,927	\$ 830,787
(4)	OE	RS	9,142,279,368	48.10%	\$ 58,899,576	\$ (28,300)
(5)		GS, GP, GSU	9,862,787,946	51.90%	\$ 63,541,487	\$ (30,531)
(6)			19,005,067,314	100.00%	\$ 122,441,063	\$ (58,831)
(7)	TE	RS	2,514,472,108	43.90%	\$ 13,740,503	\$ (204,949)
(8)		GS, GP, GSU	3,213,043,076	56.10%	\$ 17,557,891	\$ (261,887)
(9)			5,727,515,184	100.00%	\$ 31,298,395	\$ (466,836)
(10)	OH	RS	17,153,383,463	42.27%	\$ 114,192,668	\$ 54,842
(11)	TOTAL	GS, GP, GSU	23,430,197,244	57.73%	\$ 159,374,716	\$ 250,278
(12)			40,583,580,707	100.00%	\$ 273,567,384	\$ 305,120

**NOTES**

- (C) Source: Forecast for September through November 2017 (All forecasted numbers associated with the forecast as of June 2017)  
(D) Calculation: Individual Rate Schedule Total / Total for RS, GS, GP, GSU  
(E) Calculation: Annual Rider DCR Revenue Requirement from Section I, Column B x Column D  
(F) Calculation: Quarterly Reconciliation from Section II, Line 4 x Column D

**Rider Charge Calculation - Rider DCR**

IV. Allocation of DCR Revenue Requirement Amongst Non-RS Schedules

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Company	Rate Schedule	Stipulation Allocation			Annual Rev Req Allocations	Quarterly Reconciliation
			% of Total	% of Non-RS	DCR Jurisd.		
(1)	CEI	RS	47.55%	0.00%	0.00%	\$ -	\$ -
(2)		GS	42.23%	80.52%	90.02%	\$ 70,462,206	\$ 488,526
(3)		GP	0.63%	1.19%	1.33%	\$ 1,044,151	\$ 7,239
(4)		GSU	4.06%	7.74%	8.65%	\$ 6,768,980	\$ 46,930
(5)		GT	0.18%	0.35%	0.00%	\$ -	\$ -
(6)		STL	3.53%	6.73%	0.00%	\$ -	\$ -
(7)		POL	1.79%	3.41%	0.00%	\$ -	\$ -
(8)		TRF	0.03%	0.06%	0.00%	\$ -	\$ -
(9)			100.00%	100.00%	100.00%	\$ 78,275,338	\$ 542,696
(10)		Subtotal (GT, STL, POL, TRF)		10.55%			
(11)	OE	RS	62.45%	0.00%	0.00%	\$ -	\$ -
(12)		GS	27.10%	72.17%	81.75%	\$ 51,947,048	\$ (24,960)
(13)		GP	5.20%	13.85%	15.69%	\$ 9,969,235	\$ (4,790)
(14)		GSU	0.85%	2.26%	2.56%	\$ 1,625,203	\$ (781)
(15)		GT	2.19%	5.84%	0.00%	\$ -	\$ -
(16)		STL	1.39%	3.70%	0.00%	\$ -	\$ -
(17)		POL	0.76%	2.02%	0.00%	\$ -	\$ -
(18)		TRF	0.06%	0.16%	0.00%	\$ -	\$ -
(19)			100.00%	100.00%	100.00%	\$ 63,541,487	\$ (30,531)
(20)		Subtotal (GT, STL, POL, TRF)		11.72%			
(21)	TE	RS	57.93%	0.00%	0.00%	\$ -	\$ -
(22)		GS	32.13%	76.36%	86.74%	\$ 15,229,672	\$ (227,161)
(23)		GP	4.80%	11.42%	12.97%	\$ 2,277,805	\$ (33,975)
(24)		GSU	0.11%	0.25%	0.29%	\$ 50,414	\$ (752)
(25)		GT	1.38%	3.29%	0.00%	\$ -	\$ -
(26)		STL	2.91%	6.92%	0.00%	\$ -	\$ -
(27)		POL	0.69%	1.64%	0.00%	\$ -	\$ -
(28)		TRF	0.05%	0.12%	0.00%	\$ -	\$ -
(29)			100.00%	100.00%	100.00%	\$ 17,557,891	\$ (261,887)
(30)		Subtotal (GT, STL, POL, TRF)		11.96%			

**NOTES**

- (C) Source: Stipulation in Case No. 07-551-EL-AIR.  
(D) Calculation: Individual Non-RS Rate Schedule Total from Column C / (1 - RS Total from Column C).  
(E) Besides customers taking service under Rate Schedule RS, Rider DCR is only applicable to customers taking service under Rate Schedules GS, GP, and GSU. Thus, the portion of the distribution rate increase allocated to Rate Schedules GT, STL, POL, and TRF per the Stipulation in Case No. 07-551-EL-AIR needs to be re-allocated across Rate Schedules GS, GP and GSU.  
Calculation: ((Column D) / Sum of GS, GP, GSU from Column D)  
(F) Calculation: Total Annual DCR Revenue Requirement Allocated to Non-RS customers from Section III x Column E.  
(G) Calculation: Quarterly Reconciliation Allocated to Non-RS customers from Section III x Column E.



**Rider Charge Calculation - Rider DCR**

V. Rider DCR Charge Calculation - Annual Revenue Requirement - Rate RS

	(A)	(B)	(C)	(D)	(E)
	Company	Rate Schedule	Annual Revenue Req	Annual KWH Sales	Annual Rev Req Charge (\$ / KWH)
(1)	CEI	RS	\$ 41,552,589	5,496,631,987	\$ 0.007560
(2)	OE	RS	\$ 58,899,576	9,142,279,368	\$ 0.006443
(3)	TE	RS	\$ 13,740,503	2,514,472,108	\$ 0.005465
(4)			\$ 114,192,668	17,153,383,463	

**NOTES**

- (C) Source: Section III, Column E.  
(D) Source: Forecast for September through November 2017 (All forecasted numbers associated with the forecast as of June 2017).  
(E) Calculation: Column C / Column D.

VI. Rider DCR Charge Calculation - Annual Revenue Requirement - Rate GS, Rate GP, Rate GSU

	(A)	(B)	(C)	(D)	(E)
	Company	Rate Schedule	Annual Revenue Req	Annual Billing Units (kW / kVa)	Annual Rev Req Charge (\$ / kW or \$ / kVa)
(1)	CEI	GS	\$ 70,462,206	21,458,036	\$ 3.2837 per kW
(2)		GP	\$ 1,044,151	822,600	\$ 1.2693 per kW
(3)		GSU	\$ 6,768,980	7,378,692	\$ 0.9174 per kW
(4)			\$ 78,275,338		
(5)	OE	GS	\$ 51,947,048	23,988,743	\$ 2.1655 per kW
(6)		GP	\$ 9,969,235	6,018,520	\$ 1.6564 per kW
(7)		GSU	\$ 1,625,203	2,362,514	\$ 0.6879 per kVa
(8)			\$ 63,541,487		
(9)	TE	GS	\$ 15,229,672	7,319,066	\$ 2.0808 per kW
(10)		GP	\$ 2,277,805	2,630,733	\$ 0.8658 per kW
(11)		GSU	\$ 50,414	216,681	\$ 0.2327 per kVa
(12)			\$ 17,557,891		

**NOTES**

- (C) Source: Section IV, Column F.  
(D) Source: Forecast for September through November 2017 (All forecasted numbers associated with the forecast as of June 2017).  
(E) Calculation: Column C / Column D.

**Rider Charge Calculation - Rider DCR**

VII. Rider DCR Charge Calculation - Quarterly Reconciliation - Rate RS

	(A)	(B)	(C)	(D)	(E)
	Company	Rate Schedule	Quarterly Revenue Req	Quarterly KWH Sales	Reconciliation (\$ / KWH)
(1)	CEI	RS	\$ 288,091	1,206,440,551	\$ 0.000239
(2)	OE	RS	\$ (28,300)	2,002,976,211	\$ (0.000014)
(3)	TE	RS	\$ (204,949)	539,896,853	\$ (0.000380)
(4)			\$ 54,842	3,749,313,615	

**NOTES**

- (C) Source: Section III, Column F.  
(D) Source: Forecast for September through November 2017 (All forecasted numbers associated with the forecast as of June 2017).  
(E) Calculation: Column C / Column D.

VIII. Rider DCR Charge Calculation - Quarterly Reconciliation - Rate GS, Rate GP, Rate GSU

	(A)	(B)	(C)	(D)	(E)
	Company	Rate Schedule	Quarterly Revenue Req	Quarterly Billing Units (kW / kVa)	Reconciliation (\$ / kW or \$ / kVa)
(1)	CEI	GS	\$ 488,526	5,166,644	\$ 0.0946 per kW
(2)		GP	\$ 7,239	205,712	\$ 0.0352 per kW
(3)		GSU	\$ 46,930	1,788,831	\$ 0.0262 per kW
(4)			\$ 542,696		
(5)	OE	GS	\$ (24,960)	6,087,508	\$ (0.0041) per kW
(6)		GP	\$ (4,790)	1,539,880	\$ (0.0031) per kW
(7)		GSU	\$ (781)	588,122	\$ (0.0013) per kVa
(8)			\$ (30,531)		
(9)	TE	GS	\$ (227,161)	1,874,283	\$ (0.1212) per kW
(10)		GP	\$ (33,975)	675,493	\$ (0.0503) per kW
(11)		GSU	\$ (752)	54,356	\$ (0.0138) per kVa
(12)			\$ (261,887)		

**NOTES**

- (C) Source: Section IV, Column G.  
(D) Source: Forecast for September through November 2017 (All forecasted numbers associated with the forecast as of June 2017).  
(E) Calculation: Column C / Column D.

**Rider Charge Calculation - Rider DCR**

IX. Rider DCR Charge Calculation

	(A)	(B)	(C)	(D)	(E)
	Company	Rate Schedule	Annual Rev Req Charge	Quarterly Reconciliation	Proposed DCR Charge For September - November 2017
(1)	CEI	RS	\$ 0.007560 per kWh	\$ 0.000239 per kWh	\$ 0.008134 per kWh
(2)		GS	\$ 3.2837 per kW	\$ 0.0946 per kW	\$ 3.5235 per kW
(3)		GP	\$ 1.2693 per kW	\$ 0.0352 per kW	\$ 1.3606 per kW
(4)		GSU	\$ 0.9174 per kW	\$ 0.0262 per kW	\$ 0.9842 per kW
(5)					
(6)	OE	RS	\$ 0.006443 per kWh	\$ (0.000014) per kWh	\$ 0.006705 per kWh
(7)		GS	\$ 2.1655 per kW	\$ (0.0041) per kW	\$ 2.2543 per kW
(8)		GP	\$ 1.6564 per kW	\$ (0.0031) per kW	\$ 1.7244 per kW
(9)		GSU	\$ 0.6879 per kVa	\$ (0.0013) per kVa	\$ 0.7161 per kVa
(10)					
(11)	TE	RS	\$ 0.005465 per kWh	\$ (0.000380) per kWh	\$ 0.005304 per kWh
(12)		GS	\$ 2.0808 per kW	\$ (0.1212) per kW	\$ 2.0439 per kW
(13)		GP	\$ 0.8658 per kW	\$ (0.0503) per kW	\$ 0.8506 per kW
(14)		GSU	\$ 0.2327 per kVa	\$ (0.0138) per kVa	\$ 0.2282 per kVa
(15)					

**NOTES**

- (C) Source: Sections V and VI, Column E  
(D) Source: Sections VII and VIII, Column E  
(E) The Rider DCR rates are adjusted so that the Companies' expected 2017 Rider DCR revenues equal the effective revenue cap.

**Annual Rider DCR Revenue To-Date and Rider DCR Revenue Cap**

X. Annual Rider DCR Revenue Through May 31, 2017

	(A)	(B)	(C)	(D)	(E)	(F)
Company	Annual Revenue Thru 5/31/2017	2016 Revenue vs. Revenue Cap	2017 Revenue Cap	Actual 2017 Revenue Cap	Under (Over) 2017 Revenue Cap	
CEI	\$ 39,907,361			\$ 183,948,170	\$ 144,040,809	
OE	\$ 40,601,181			\$ 131,391,550	\$ 90,790,369	
TE	\$ 9,807,785			\$ 78,834,930	\$ 69,027,145	
Total	\$ 90,316,327	\$ 5,283,100	\$ 257,500,000	\$ 262,783,100	\$ 172,466,772	

**NOTES**

- (C) The actual annual 2016 Rider DCR revenue cap was equal to \$221,964,205. Actual annual 2016 Rider DCR revenue billed was equal to \$216,681,105. Pursuant to the Stipulation in Case No. 12-1230-EL-SSO (page 23): "For any year that the Companies' spending would produce revenue in excess of that period's cap, the overage shall be recovered in the following cap period subject to such period's cap. For any year the revenue collected under the Companies' Rider DCR is less than the annual cap allowance, as established above, then the difference between the revenue collected and the cap shall be applied to increase the level of the subsequent period's cap." This provision was continued pursuant to Case No. 14-1297-EL-SSO.  
(D) Source: Case No. 12-1230-EL-SSO and Case No. 14-1297-EL-SSO. Note that the 2016 revenue cap is calculated as the equivalent of 5 months of the June 2016 - May 2017 cap of \$240M plus the equivalent of 7 months of the June 2017 - May 2018 cap of \$270M.  
(E) Calculation: Column C + Column D. The sum of the individual company caps does not equal the total company cap. Each individual company has a cap of 50%, 70% and 30% for OE, CEI, and TE, respectively, of the total aggregate cap. Source: Case No. 12-1230-EL-SSO Stipulation (page 20). This provision was continued pursuant to Case No. 14-1297-EL-SSO.  
(F) Calculation: Column E - Column B

The Cleveland Electric Illuminating Company: 16-1819-EL-RDR  
Ohio Edison Company: 16-1820-EL-RDR  
The Toledo Edison Company: 16-1821-EL-RDR

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**Quarterly Revenue Requirement Additions: Calculation of June - August 2017 Reconciliation Amount Adjusted for September - November 2017**

**I. Rider DCR June - August 2017 Rates Based on Estimated 5/31/2017 Rate Base**

(A) Company	(B) Rate Schedule	(C) Allocation	(D) Annual Revenue Requirements			(F) Rate	(G) Quarterly Reconciliation			(I) Rate	(J) June - August 2017 Rate Estimated Rate Base
			Rev. Req	Billing Units			Rev. Req	Billing Units			
CEI	RS	33.52%	\$ 38,901,857	5,371,163,849	\$	0.007243 per kWh	\$ 213,818	1,499,993,286	\$	0.000143 per kWh	\$ 0.007385 per kWh
	GS	59.85%	\$ 69,466,389	21,568,171	\$	3.2208 per kW	\$ 381,811	5,751,528	\$	0.0664 per kW	\$ 3.2872 per kW
	GP	0.89%	\$ 1,029,395	908,585	\$	1.1330 per kW	\$ 5,658	232,508	\$	0.0243 per kW	\$ 1.1573 per kW
	GSU	5.75%	\$ 6,673,317	8,446,815	\$	0.7900 per kW	\$ 36,679	2,178,397	\$	0.0168 per kW	\$ 0.8069 per kW
		100.00%	\$ 116,070,957				\$ 637,966				
OE	RS	48.17%	\$ 57,671,598	8,971,152,282	\$	0.006429 per kWh	\$ (307,613)	2,332,118,022	\$	(0.000132) per kWh	\$ 0.006297 per kWh
	GS	42.37%	\$ 50,729,502	23,930,533	\$	2.1199 per kW	\$ (270,585)	6,299,503	\$	(0.0430) per kW	\$ 2.0769 per kW
	GP	8.13%	\$ 9,735,574	6,134,260	\$	1.5871 per kW	\$ (51,928)	1,615,205	\$	(0.0321) per kW	\$ 1.5549 per kW
	GSU	1.33%	\$ 1,587,111	2,357,656	\$	0.6732 per kVa	\$ (8,465)	604,600	\$	(0.0140) per kVa	\$ 0.6592 per kVa
		100.00%	\$ 119,723,786				\$ (638,591)				
TE	RS	44.06%	\$ 13,627,012	2,460,342,033	\$	0.005539 per kWh	\$ 65,191	722,680,794	\$	0.000090 per kWh	\$ 0.005629 per kWh
	GS	48.52%	\$ 15,008,513	7,381,839	\$	2.0332 per kW	\$ 71,800	1,971,492	\$	0.0364 per kW	\$ 2.0696 per kW
	GP	7.26%	\$ 2,244,728	2,774,038	\$	0.8092 per kW	\$ 10,739	723,032	\$	0.0149 per kW	\$ 0.8240 per kW
	GSU	0.16%	\$ 49,682	229,867	\$	0.2161 per kVa	\$ 238	56,149	\$	0.0042 per kVa	\$ 0.2204 per kVa
		100.00%	\$ 30,929,936				\$ 147,966				
<b>TOTAL</b>			<b>\$ 266,724,679</b>				<b>\$ 147,341</b>				

**Notes:**

Source: See "Rider Charge Calculation - Rider DCR" workpaper from Rider DCR filing April 3, 2017.

Quarterly Revenue Requirement Additions: Calculation of June - August 2017 Reconciliation Amount Adjusted for September - November 2017

II. Rider DCR June - August 2017 Rates Based on Actual 5/31/2017 Rate Base

(A)	(B)	(C)	(D)			(E)		(F)		(G)	(H)		(I)		(J)		
Company	Rate Schedule	Allocation	Annual Revenue Requirements						Quarterly Reconciliation						June - August 2017 Rate Actual Rate Base		
			Rev. Req	Billing Units			Rate		Rev. Req	Billing Units			Rate				
CEI	RS	33.52%	\$	39,904,258	5,371,163,849	\$	0.007429	per kWh	\$	213,818	1,499,993,286	\$	0.000143	per kWh	\$	0.007572	per kWh
	GS	59.85%	\$	71,256,361	21,568,171	\$	3.3038	per kW	\$	381,811	5,751,528	\$	0.0664	per kW	\$	3.3702	per kW
	GP	0.89%	\$	1,055,920	908,585	\$	1.1622	per kW	\$	5,658	232,508	\$	0.0243	per kW	\$	1.1865	per kW
	GSU	5.75%	\$	6,845,271	8,446,815	\$	0.8104	per kW	\$	36,679	2,178,397	\$	0.0168	per kW	\$	0.8272	per kW
		100.00%	\$	119,061,811					\$	637,966							
OE	RS	48.17%	\$	57,357,495	8,971,152,282	\$	0.006394	per kWh	\$	(307,613)	2,332,118,022	\$	(0.000132)	per kWh	\$	0.006262	per kWh
	GS	42.37%	\$	50,453,208	23,930,533	\$	2.1083	per kW	\$	(270,585)	6,299,503	\$	(0.0430)	per kW	\$	2.0654	per kW
	GP	8.13%	\$	9,682,550	6,134,260	\$	1.5784	per kW	\$	(51,928)	1,615,205	\$	(0.0321)	per kW	\$	1.5463	per kW
	GSU	1.33%	\$	1,578,467	2,357,656	\$	0.6695	per kVa	\$	(8,465)	604,600	\$	(0.0140)	per kVa	\$	0.6555	per kVa
		100.00%	\$	119,071,720					\$	(638,591)							
TE	RS	44.06%	\$	12,865,980	2,460,342,033	\$	0.005229	per kWh	\$	65,191	722,680,794	\$	0.000090	per kWh	\$	0.005320	per kWh
	GS	48.52%	\$	14,170,328	7,381,839	\$	1.9196	per kW	\$	71,800	1,971,492	\$	0.0364	per kW	\$	1.9560	per kW
	GP	7.26%	\$	2,119,366	2,774,038	\$	0.7640	per kW	\$	10,739	723,032	\$	0.0149	per kW	\$	0.7789	per kW
	GSU	0.16%	\$	46,907	229,867	\$	0.2041	per kVa	\$	238	56,149	\$	0.0042	per kVa	\$	0.2083	per kVa
		100.00%	\$	29,202,581					\$	147,966							
TOTAL			\$ 267,336,112						\$ 147,341								

- (C) Source: Rider DCR filing April 3, 2017  
(D) Calculation: Annual DCR Revenue Requirement based on actual 5/31/2017 Rate Base x Column C  
(E) Estimated billing units for June 2017 - May 2018. Source: Rider DCR filing April 3, 2017.  
(F) Calculation: Column D / Column E  
(G) Source: Rider DCR filing April 3, 2017  
(H) Estimated billing units for June - August 2017. Source: Rider DCR filing April 3, 2017.  
(I) Calculation: Column G / Column H  
(J) Calculation: Column F + Column I

Quarterly Revenue Requirement Additions: Calculation of June - August 2017 Reconciliation Amount Adjusted for September - November 2017

III. Estimated Rider DCR Reconciliation Amount for September - November 2017

(A) Company	(B) Rate Schedule	(C) June - August 2017 Rate Estimated Rate Base	(D) June - August 2017 Rate Actual Rate Base	(E) Difference	(F) Billing Units	(G) Reconciliation Amount
CEI	RS	\$ 0.007385 per kWh	\$ 0.007572 per kWh	\$ 0.000187 per kWh	1,499,993,286	\$ 279,939
	GS	\$ 3.2872 per kW	\$ 3.3702 per kW	\$ 0.0830 per kW	5,751,528	\$ 477,327
	GP	\$ 1.1573 per kW	\$ 1.1865 per kW	\$ 0.0292 per kW	232,508	\$ 6,788
	GSU	\$ 0.8069 per kW	\$ 0.8272 per kW	\$ 0.0204 per kW	2,178,397	\$ 44,346
						\$ 808,400
OE	RS	\$ 0.006297 per kWh	\$ 0.006262 per kWh	\$ (0.000035) per kWh	2,332,118,022	\$ (81,654)
	GS	\$ 2.076912 per kW	\$ 2.065366 per kW	\$ (0.0115) per kW	6,299,503	\$ (72,732)
	GP	\$ 1.554933 per kW	\$ 1.546289 per kW	\$ (0.0086) per kW	1,615,205	\$ (13,962)
	GSU	\$ 0.659172 per kVa	\$ 0.655505 per kVa	\$ (0.0037) per kVa	604,600	\$ (2,217)
						\$ (170,564)
TE	RS	\$ 0.005629 per kWh	\$ 0.005320 per kWh	\$ (0.000309) per kWh	722,680,794	\$ (223,539)
	GS	\$ 2.0696 per kW	\$ 1.9560 per kW	\$ (0.1135) per kW	1,971,492	\$ (223,857)
	GP	\$ 0.8240 per kW	\$ 0.7789 per kW	\$ (0.0452) per kW	723,032	\$ (32,675)
	GSU	\$ 0.2204 per kVa	\$ 0.2083 per kVa	\$ (0.0121) per kVa	56,149	\$ (678)
						\$ (480,749)
<b>TOTAL</b>						<b>\$ 157,087</b>

- (C) Source: Section I, Column J.  
(D) Source: Section II, Column J.  
(E) Calculation: Column D - Column C  
(F) Estimated billing units for June - August 2017. Source: Rider DCR filing April 3, 2017.  
(G) Calculation: Column E x Column F

The Cleveland Electric Illuminating Company: 16-1819-EL-RDR  
 Ohio Edison Company: 16-1820-EL-RDR  
 The Toledo Edison Company: 16-1821-EL-RDR

## Energy and Demand Forecast

Source: All forecasted numbers associated with the forecast as of June 2017.

### **Annual Energy (September 2017 - August 2018):**

Source: Forecast as of June 2017.

		<u>CEI</u>	<u>OE</u>	<u>TE</u>	<u>Total</u>
RS	kWh	5,496,631,987	9,142,279,368	2,514,472,108	17,153,383,463
GS	kWh	6,586,561,039	6,600,440,575	2,031,696,397	15,218,698,011
GP	kWh	429,677,418	2,414,251,674	1,064,642,564	3,908,571,656
GSU	kWh	3,338,127,765	848,095,698	116,704,115	4,302,927,578
Total		15,850,998,209	19,005,067,314	5,727,515,184	40,583,580,707

### **Annual Demand (September 2017 - August 2018):**

Source: Forecast as of June 2017.

		<u>CEI</u>	<u>OE</u>	<u>TE</u>
GS	kW	21,458,036	23,988,743	7,319,066
GP	kW	822,600	6,018,520	2,630,733
GSU	kW/kVA	7,378,692	2,362,514	216,681

### **September - November 2017 Energy:**

Source: Forecast as of June 2017.

		<u>CEI</u>	<u>OE</u>	<u>TE</u>	<u>Total</u>
RS	kWh	1,206,440,551	2,002,976,211	539,896,853	3,749,313,615
GS	kWh	1,570,112,680	1,596,444,563	483,534,215	3,650,091,458
GP	kWh	107,562,333	594,295,991	262,833,248	964,691,571
GSU	kWh	804,631,550	204,723,063	27,463,128	1,036,817,741
Total		3,688,747,114	4,398,439,827	1,313,727,444	9,400,914,385

### **September - November 2017 Demand:**

Source: Forecast as of June 2017.

		<u>CEI</u>	<u>OE</u>	<u>TE</u>
GS	kW	5,166,644	6,087,508	1,874,283
GP	kW	205,712	1,539,880	675,493
GSU	kW/kVA	1,788,831	588,122	54,356

Ohio Edison Company  
Case No. 16-1820-EL-RDR  
Typical Bills - Comparison (DCR July 2017 vs. DCR September 2017)

Bill Data						
Line No.	Level of Demand (kW) (A)	Level of Usage (kWH) (B)	Bill with Current DCR (\$) (C)	Bill with Proposed DCR (\$) (D)	Dollar Increase (D)-(C) (E)	Percent Increase (E)/(C) (F)
Residential Service - Standard (Rate RS)						
1	0	250	\$ 38.30	\$ 38.26	\$ (0.04)	-0.1%
2	0	500	\$ 72.38	\$ 72.30	\$ (0.08)	-0.1%
3	0	750	\$ 106.42	\$ 106.30	\$ (0.12)	-0.1%
4	0	1,000	\$ 140.50	\$ 140.34	\$ (0.16)	-0.1%
5	0	1,250	\$ 174.57	\$ 174.37	\$ (0.20)	-0.1%
6	0	1,500	\$ 208.62	\$ 208.38	\$ (0.24)	-0.1%
7	0	2,000	\$ 276.74	\$ 276.41	\$ (0.33)	-0.1%
8	0	2,500	\$ 344.67	\$ 344.26	\$ (0.41)	-0.1%
9	0	3,000	\$ 412.54	\$ 412.05	\$ (0.49)	-0.1%
10	0	3,500	\$ 480.44	\$ 479.87	\$ (0.57)	-0.1%
11	0	4,000	\$ 548.30	\$ 547.65	\$ (0.65)	-0.1%
12	0	4,500	\$ 616.21	\$ 615.48	\$ (0.73)	-0.1%
13	0	5,000	\$ 684.13	\$ 683.32	\$ (0.82)	-0.1%
14	0	5,500	\$ 752.03	\$ 751.13	\$ (0.90)	-0.1%
15	0	6,000	\$ 819.91	\$ 818.93	\$ (0.98)	-0.1%
16	0	6,500	\$ 887.80	\$ 886.74	\$ (1.06)	-0.1%
17	0	7,000	\$ 955.69	\$ 954.55	\$ (1.14)	-0.1%
18	0	7,500	\$ 1,023.61	\$ 1,022.39	\$ (1.22)	-0.1%
19	0	8,000	\$ 1,091.46	\$ 1,090.16	\$ (1.30)	-0.1%
20	0	8,500	\$ 1,159.40	\$ 1,158.01	\$ (1.39)	-0.1%
21	0	9,000	\$ 1,227.26	\$ 1,225.79	\$ (1.47)	-0.1%
22	0	9,500	\$ 1,295.17	\$ 1,293.62	\$ (1.55)	-0.1%
23	0	10,000	\$ 1,363.05	\$ 1,361.42	\$ (1.63)	-0.1%
24	0	10,500	\$ 1,430.96	\$ 1,429.25	\$ (1.71)	-0.1%
25	0	11,000	\$ 1,498.84	\$ 1,497.05	\$ (1.79)	-0.1%



Ohio Edison Company  
Case No. 16-1820-EL-RDR  
Typical Bills - Comparison (DCR July 2017 vs. DCR September 2017)

Bill Data						
Line No.	Level of Demand (kW) (A)	Level of Usage (kWH) (B)	Bill with Current DCR (\$) (C)	Bill with Proposed DCR (\$) (D)	Dollar Increase (D)-(C) (E)	Percent Increase (E)/(C) (F)
Residential Service - All-Electric (Rate RS)						
1	0	250	\$ 38.30	\$ 38.26	\$ (0.04)	-0.1%
2	0	500	\$ 72.38	\$ 72.30	\$ (0.08)	-0.1%
3	0	750	\$ 106.42	\$ 106.30	\$ (0.12)	-0.1%
4	0	1,000	\$ 140.50	\$ 140.34	\$ (0.16)	-0.1%
5	0	1,250	\$ 174.57	\$ 174.37	\$ (0.20)	-0.1%
6	0	1,500	\$ 208.62	\$ 208.38	\$ (0.24)	-0.1%
7	0	2,000	\$ 276.74	\$ 276.41	\$ (0.33)	-0.1%
8	0	2,500	\$ 344.67	\$ 344.26	\$ (0.41)	-0.1%
9	0	3,000	\$ 412.54	\$ 412.05	\$ (0.49)	-0.1%
10	0	3,500	\$ 480.44	\$ 479.87	\$ (0.57)	-0.1%
11	0	4,000	\$ 548.30	\$ 547.65	\$ (0.65)	-0.1%
12	0	4,500	\$ 616.21	\$ 615.48	\$ (0.73)	-0.1%
13	0	5,000	\$ 684.13	\$ 683.32	\$ (0.82)	-0.1%
14	0	5,500	\$ 752.03	\$ 751.13	\$ (0.90)	-0.1%
15	0	6,000	\$ 819.91	\$ 818.93	\$ (0.98)	-0.1%
16	0	6,500	\$ 887.80	\$ 886.74	\$ (1.06)	-0.1%
17	0	7,000	\$ 955.69	\$ 954.55	\$ (1.14)	-0.1%
18	0	7,500	\$ 1,023.61	\$ 1,022.39	\$ (1.22)	-0.1%
19	0	8,000	\$ 1,091.46	\$ 1,090.16	\$ (1.30)	-0.1%
20	0	8,500	\$ 1,159.40	\$ 1,158.01	\$ (1.39)	-0.1%
21	0	9,000	\$ 1,227.26	\$ 1,225.79	\$ (1.47)	-0.1%
22	0	9,500	\$ 1,295.17	\$ 1,293.62	\$ (1.55)	-0.1%
23	0	10,000	\$ 1,363.05	\$ 1,361.42	\$ (1.63)	-0.1%
24	0	10,500	\$ 1,430.96	\$ 1,429.25	\$ (1.71)	-0.1%
25	0	11,000	\$ 1,498.84	\$ 1,497.05	\$ (1.79)	-0.1%

Ohio Edison Company  
Case No. 16-1820-EL-RDR  
Typical Bills - Comparison (DCR July 2017 vs. DCR September 2017)

Bill Data						
Line No.	Level of Demand (kW) (A)	Level of Usage (kWH) (B)	Bill with Current DCR (\$) (C)	Bill with Proposed DCR (\$) (D)	Dollar Increase (D)-(C) (E)	Percent Increase (E)/(C) (F)
Residential Service - Water Heating (Rate RS)						
1	0	250	\$ 38.30	\$ 38.26	\$ (0.04)	-0.1%
2	0	500	\$ 72.38	\$ 72.30	\$ (0.08)	-0.1%
3	0	750	\$ 106.42	\$ 106.30	\$ (0.12)	-0.1%
4	0	1,000	\$ 140.50	\$ 140.34	\$ (0.16)	-0.1%
5	0	1,250	\$ 174.57	\$ 174.37	\$ (0.20)	-0.1%
6	0	1,500	\$ 208.62	\$ 208.38	\$ (0.24)	-0.1%
7	0	2,000	\$ 276.74	\$ 276.41	\$ (0.33)	-0.1%
8	0	2,500	\$ 344.67	\$ 344.26	\$ (0.41)	-0.1%
9	0	3,000	\$ 412.54	\$ 412.05	\$ (0.49)	-0.1%
10	0	3,500	\$ 480.44	\$ 479.87	\$ (0.57)	-0.1%
11	0	4,000	\$ 548.30	\$ 547.65	\$ (0.65)	-0.1%
12	0	4,500	\$ 616.21	\$ 615.48	\$ (0.73)	-0.1%
13	0	5,000	\$ 684.13	\$ 683.32	\$ (0.82)	-0.1%
14	0	5,500	\$ 752.03	\$ 751.13	\$ (0.90)	-0.1%
15	0	6,000	\$ 819.91	\$ 818.93	\$ (0.98)	-0.1%
16	0	6,500	\$ 887.80	\$ 886.74	\$ (1.06)	-0.1%
17	0	7,000	\$ 955.69	\$ 954.55	\$ (1.14)	-0.1%
18	0	7,500	\$ 1,023.61	\$ 1,022.39	\$ (1.22)	-0.1%
19	0	8,000	\$ 1,091.46	\$ 1,090.16	\$ (1.30)	-0.1%
20	0	8,500	\$ 1,159.40	\$ 1,158.01	\$ (1.39)	-0.1%
21	0	9,000	\$ 1,227.26	\$ 1,225.79	\$ (1.47)	-0.1%
22	0	9,500	\$ 1,295.17	\$ 1,293.62	\$ (1.55)	-0.1%
23	0	10,000	\$ 1,363.05	\$ 1,361.42	\$ (1.63)	-0.1%
24	0	10,500	\$ 1,430.96	\$ 1,429.25	\$ (1.71)	-0.1%
25	0	11,000	\$ 1,498.84	\$ 1,497.05	\$ (1.79)	-0.1%

Ohio Edison Company  
Case No. 16-1820-EL-RDR  
Typical Bills - Comparison (DCR July 2017 vs. DCR September 2017)

Bill Data						
Line No.	Level of Demand (kW) (A)	Level of Usage (kWH) (B)	Bill with Current DCR (\$) (C)	Bill with Proposed DCR (\$) (D)	Dollar Increase (D)-(C) (E)	Percent Increase (E)/(C) (F)
General Service Secondary (Rate GS)						
1	10	1,000	\$ 186.70	\$ 186.59	\$ (0.11)	-0.1%
2	10	2,000	\$ 262.50	\$ 262.39	\$ (0.11)	0.0%
3	10	3,000	\$ 337.90	\$ 337.79	\$ (0.11)	0.0%
4	10	4,000	\$ 413.24	\$ 413.13	\$ (0.11)	0.0%
5	10	5,000	\$ 488.64	\$ 488.53	\$ (0.11)	0.0%
6	10	6,000	\$ 563.99	\$ 563.88	\$ (0.11)	0.0%
7	1,000	100,000	\$ 19,196.17	\$ 19,184.97	\$ (11.20)	-0.1%
8	1,000	200,000	\$ 26,676.68	\$ 26,665.48	\$ (11.20)	0.0%
9	1,000	300,000	\$ 34,157.18	\$ 34,145.98	\$ (11.20)	0.0%
10	1,000	400,000	\$ 41,637.69	\$ 41,626.49	\$ (11.20)	0.0%
11	1,000	500,000	\$ 49,118.20	\$ 49,107.00	\$ (11.20)	0.0%
12	1,000	600,000	\$ 56,598.70	\$ 56,587.50	\$ (11.20)	0.0%

Ohio Edison Company  
Case No. 16-1820-EL-RDR  
Typical Bills - Comparison (DCR July 2017 vs. DCR September 2017)

Bill Data						
Line No.	Level of Demand (kW) (A)	Level of Usage (kWH) (B)	Bill with Current DCR (\$) (C)	Bill with Proposed DCR (\$) (D)	Dollar Increase (D)-(C) (E)	Percent Increase (E)/(C) (F)
General Service Primary (Rate GP)						
1	500	50,000	\$ 8,253.97	\$ 8,268.12	\$ 14.15	0.2%
2	500	100,000	\$ 11,775.57	\$ 11,789.72	\$ 14.15	0.1%
3	500	150,000	\$ 15,297.17	\$ 15,311.32	\$ 14.15	0.1%
4	500	200,000	\$ 18,818.78	\$ 18,832.93	\$ 14.15	0.1%
5	500	250,000	\$ 22,340.38	\$ 22,354.53	\$ 14.15	0.1%
6	500	300,000	\$ 25,861.98	\$ 25,876.13	\$ 14.15	0.1%
7	5,000	500,000	\$ 80,960.50	\$ 81,102.00	\$ 141.50	0.2%
8	5,000	1,000,000	\$ 116,109.81	\$ 116,251.31	\$ 141.50	0.1%
9	5,000	1,500,000	\$ 151,126.09	\$ 151,267.59	\$ 141.50	0.1%
10	5,000	2,000,000	\$ 186,142.37	\$ 186,283.87	\$ 141.50	0.1%
11	5,000	2,500,000	\$ 221,158.65	\$ 221,300.15	\$ 141.50	0.1%
12	5,000	3,000,000	\$ 256,174.93	\$ 256,316.43	\$ 141.50	0.1%

Ohio Edison Company  
Case No. 16-1820-EL-RDR  
Typical Bills - Comparison (DCR July 2017 vs. DCR September 2017)

Bill Data						
Line No.	Level of Demand (kVa) (A)	Level of Usage (kWH) (B)	Bill with Current DCR (\$) (C)	Bill with Proposed DCR (\$) (D)	Dollar Increase (D)-(C) (E)	Percent Increase (E)/(C) (F)
General Service Subtransmission (Rate GSU)						
1	1,000	100,000	\$ 12,699.95	\$ 12,697.05	\$ (2.90)	0.0%
2	1,000	200,000	\$ 19,216.36	\$ 19,213.46	\$ (2.90)	0.0%
3	1,000	300,000	\$ 25,732.76	\$ 25,729.86	\$ (2.90)	0.0%
4	1,000	400,000	\$ 32,249.17	\$ 32,246.27	\$ (2.90)	0.0%
5	1,000	500,000	\$ 38,765.58	\$ 38,762.68	\$ (2.90)	0.0%
6	1,000	600,000	\$ 45,281.98	\$ 45,279.08	\$ (2.90)	0.0%
7	10,000	1,000,000	\$ 124,882.19	\$ 124,853.19	\$ (29.00)	0.0%
8	10,000	2,000,000	\$ 189,646.75	\$ 189,617.75	\$ (29.00)	0.0%
9	10,000	3,000,000	\$ 254,411.31	\$ 254,382.31	\$ (29.00)	0.0%
10	10,000	4,000,000	\$ 319,175.87	\$ 319,146.87	\$ (29.00)	0.0%
11	10,000	5,000,000	\$ 383,940.44	\$ 383,911.44	\$ (29.00)	0.0%
12	10,000	6,000,000	\$ 448,705.00	\$ 448,676.00	\$ (29.00)	0.0%

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The following rates, rules and regulations for electric service are applicable throughout the Company's service territory except as noted.

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before

The Public Utilities Commission of Ohio

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The Public Utilities Commission of Ohio

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**RIDER DCR**  
**Delivery Capital Recovery Rider**

**APPLICABILITY:**

Applicable to any customer who receives electric service under the Company's rate schedules set forth below. The Delivery Capital Recovery Rider (DCR) charges will apply, by rate schedule, effective for bills rendered beginning September 1, 2017. This Rider is not avoidable for customers who take electric generation service from a certified supplier.

**RATE:**

RS (all kWhs, per kWh)	0.6705¢
GS (per kW of Billing Demand)	\$2.2543
GP (per kW of Billing Demand)	\$1.7244
GSU (per kVa of Billing Demand)	\$0.7161

**PROVISIONS:**

The charges set forth in this Rider recover costs associated with delivery plant investments made since the date certain in Case No. 07-551-EL-AIR, exclusive of any delivery plant investments being recovered elsewhere.

**RIDER UPDATES:**

The charges contained in this Rider shall be updated on a quarterly basis. Effective with the filing made on or about April 20, 2014, the Company will file a request for approval of the Rider charges on or about March 31st, June 30th, September 30th and December 31st of each year. Charges, unless otherwise ordered by the PUCO, shall become effective on a bills rendered basis on June 1st, September 1st, December 1st and March 1st of each year.



**This foregoing document was electronically filed with the Public Utilities**

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**in**

**Case No(s). 16-1820-EL-RDR, 89-6006-EL-TRF**

Summary: Tariff Update PUCO #11 of Rider DCR electronically filed by Mrs. Nancy E Davis on behalf of Ohio Edison Company and Fanelli, Santino Mr.