

September 30, 2016

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

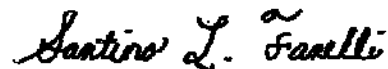
Dear Ms. McNeal:

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 2016 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 December 1, 2016.

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)  
December 2016 – February 2017 Filing  
September 30, 2016

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**Rider DCR**  
**Rates for December 2016 - February 2017**  
**Revenue Requirement Summary**

(\$ millions)

**Calculation of Annual Revenue Requirement Based on Estimated 11/30/2016 Rate Base**

Line No.	Description	Source	CEI	OE	TE	TOTAL
1	Annual Revenue Requirement Based on Actual 8/31/2016 Rate Base	9/30/2016 Compliance Filing; Page 2; Column (f) Lines 36-39	\$ 106.5	\$ 117.7	\$ 27.9	\$ 252.1
2	Incremental Revenue Requirement Based on Estimated 11/30/2016 Rate Base	Calculation: 9/30/2016 Compliance Filing (Page 27, Column (f) Lines 36-39) minus Line 1	\$ 2.4	\$ (0.8)	\$ 0.9	\$ 2.5
3	Annual Revenue Requirement Based on Estimated 11/30/2016 Rate Base	Calculation: SUM [ Line 1 through Line 2 ]	\$ 108.9	\$ 116.9	\$ 28.8	\$ 254.6

**Rider DCR**  
**Actual Distribution Rate Base Additions as of 8/31/2016**  
**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>8/31/2016</b>	<b>Incremental</b>	<b>Source of Column (B)</b>
(2)	CEI	1,927.1	2,932.1	1,005.1	Sch B2.1 (Actual) Line 45	
(3)	OE	2,074.0	3,317.8	1,243.8	Sch B2.1 (Actual) Line 47	
(4)	TE	771.5	1,152.6	381.2	Sch B2.1 (Actual) Line 44	
(4)	<b>Total</b>	<b>4,772.5</b>	<b>7,402.6</b>	<b>2,630.1</b>	<b>Sum: [ (1) through (3) ]</b>	
<b>Accumulated Reserve</b>						
(5)	CEI	(773.0)	(1,252.7)	(479.7)	-Sch B3 (Actual) Line 46	
(6)	OE	(803.0)	(1,297.9)	(494.9)	-Sch B3 (Actual) Line 48	
(7)	TE	(376.8)	(576.6)	(199.8)	-Sch B3 (Actual) Line 45	
(8)	<b>Total</b>	<b>(1,952.8)</b>	<b>(3,127.2)</b>	<b>(1,174.4)</b>	<b>Sum: [ (5) through (7) ]</b>	
<b>Net Plant In Service</b>						
(9)	CEI	1,154.0	1,679.4	525.4	(1) + (5)	
(10)	OE	1,271.0	2,019.9	749.0	(2) + (6)	
(11)	TE	394.7	576.1	181.4	(3) + (7)	
(12)	<b>Total</b>	<b>2,819.7</b>	<b>4,275.4</b>	<b>1,455.7</b>	<b>Sum: [ (9) through (11) ]</b>	
<b>ADIT</b>						
(13)	CEI	(246.4)	(462.3)	(215.9)	- ADIT Balances (Actual) Line 3	
(14)	OE	(197.1)	(527.4)	(330.4)	- ADIT Balances (Actual) Line 3	
(15)	TE	(10.3)	(149.7)	(139.3)	- ADIT Balances (Actual) Line 3	
(16)	<b>Total</b>	<b>(453.8)</b>	<b>(1,139.4)</b>	<b>(685.6)</b>	<b>Sum: [ (13) through (15) ]</b>	
<b>Rate Base</b>						
(17)	CEI	907.7	1,217.1	309.4	(9) + (13)	
(18)	OE	1,073.9	1,492.5	418.6	(10) + (14)	
(19)	TE	384.4	426.4	42.0	(11) + (15)	
(20)	<b>Total</b>	<b>2,366.0</b>	<b>3,136.0</b>	<b>770.1</b>	<b>Sum: [ (17) through (19) ]</b>	
<b>Depreciation Exp</b>						
(21)	CEI	60.0	94.5	34.5	Sch B-3.2 (Actual) Line 46	
(22)	OE	62.0	100.0	38.0	Sch B-3.2 (Actual) Line 48	
(23)	TE	24.5	37.8	13.3	Sch B-3.2 (Actual) Line 45	
(24)	<b>Total</b>	<b>146.5</b>	<b>232.3</b>	<b>85.8</b>	<b>Sum: [ (21) through (23) ]</b>	
<b>Property Tax Exp</b>						
(25)	CEI	65.0	101.5	36.5	Sch C-3.10a (Actual) Line 4	
(26)	OE	57.4	89.3	31.9	Sch C-3.10a (Actual) Line 4	
(27)	TE	20.1	29.9	9.8	Sch C-3.10a (Actual) Line 4	
(28)	<b>Total</b>	<b>142.4</b>	<b>220.7</b>	<b>78.2</b>	<b>Sum: [ (25) through (27) ]</b>	
<b>Revenue Requirement</b>						
(29)	CEI	309.4	26.2	34.5	36.5	97.2
(30)	OE	418.6	35.5	38.0	31.9	105.4
(31)	TE	42.0	3.6	13.3	9.8	26.7
(32)	<b>Total</b>	<b>770.1</b>	<b>65.3</b>	<b>85.8</b>	<b>78.2</b>	<b>229.3</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	15.9	35.95%	8.9	0.3	9.2	106.5
(37) OE	21.5	35.85%	12.0	0.3	12.3	117.7
(38) TE	2.2	35.70%	1.2	0.1	1.3	27.9
(39) <b>Total</b>	<b>39.6</b>		<b>22.2</b>	<b>0.7</b>	<b>22.8</b>	<b>252.1</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  
8/31/2016 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 8/31/2016, 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, and April 2016 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 8/31/2016 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	\$ (86,973,963)	\$ 8,274,967
2	352	Structures & Improvements	\$ 11,925,964	100%	\$ 11,925,964		\$ 11,925,964
3	353	Station Equipment	\$ 110,231,719	100%	\$ 110,231,719		\$ 110,231,719
4	354	Towers & Fixtures	\$ 276,919	100%	\$ 276,919		\$ 276,919
5	355	Poles & Fixtures	\$ 26,872,867	100%	\$ 26,872,867		\$ 26,872,867
6	356	Overhead Conductors & Devices	\$ 37,279,642	100%	\$ 37,279,642		\$ 37,279,642
7	357	Underground Conduit	\$ 1,540,142	100%	\$ 1,540,142		\$ 1,540,142
8	358	Underground Conductors & Devices	\$ 16,493,304	100%	\$ 16,493,304		\$ 16,493,304
9	359	Roads & Trails	\$ 34,404	100%	\$ 34,404		\$ 34,404
10		Total Transmission Plant	\$ 299,903,889	100%	\$ 299,903,889	\$ (86,973,963)	\$ 212,929,926

Ohio Edison Company: 16-1820-EL-RDR  
8/31/2016 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 8/31/2016, 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, and April 2016 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 8/31/2016 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	\$ 12,591,730	100%	\$ 12,591,730		\$ 12,591,730
12	361	Structures & Improvements	\$ 15,067,534	100%	\$ 15,067,534		\$ 15,067,534
13	362	Station Equipment	\$ 254,516,661	100%	\$ 254,516,661		\$ 254,516,661
14	364	Poles, Towers & Fixtures	\$ 492,662,330	100%	\$ 492,662,330		\$ 492,662,330
15	365	Overhead Conductors & Devices	\$ 723,572,122	100%	\$ 723,572,122		\$ 723,572,122
16	366	Underground Conduit	\$ 66,879,766	100%	\$ 66,879,766		\$ 66,879,766
17	367	Underground Conductors & Devices	\$ 309,414,474	100%	\$ 309,414,474		\$ 309,414,474
18	368	Line Transformers	\$ 487,838,887	100%	\$ 487,838,887		\$ 487,838,887
19	369	Services	\$ 131,227,852	100%	\$ 131,227,852		\$ 131,227,852
20	370	Meters	\$ 151,519,540	100%	\$ 151,519,540		\$ 151,519,540
21	371	Installation on Customer Premises	\$ 24,356,290	100%	\$ 24,356,290		\$ 24,356,290
22	373	Street Lighting & Signal Systems	\$ 73,549,135	100%	\$ 73,549,135		\$ 73,549,135
23	374	Asset Retirement Costs for Distribution Plant	\$ 22,272	100%	\$ 22,272		\$ 22,272
24		Total Distribution Plant	\$ 2,743,218,593	100%	\$ 2,743,218,593	\$ -	\$ 2,743,218,593

Ohio Edison Company: 16-1820-EL-RDR  
8/31/2016 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 8/31/2016, 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, and April 2016 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 8/31/2016 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	\$ 91,033,629	100%	\$ 91,033,629		\$ 91,033,629
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	\$ 9,211,634	100%	\$ 9,211,634		\$ 9,211,634
30	392	Transportation Equipment	\$ 2,224,158	100%	\$ 2,224,158		\$ 2,224,158
31	393	Stores Equipment	\$ 1,265,913	100%	\$ 1,265,913		\$ 1,265,913
32	394	Tools, Shop & Garage Equipment	\$ 15,403,428	100%	\$ 15,403,428		\$ 15,403,428
33	395	Laboratory Equipment	\$ 5,373,033	100%	\$ 5,373,033		\$ 5,373,033
34	396	Power Operated Equipment	\$ 3,951,549	100%	\$ 3,951,549		\$ 3,951,549
35	397	Communication Equipment	\$ 29,661,450	100%	\$ 29,661,450		\$ 29,661,450
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	\$ 168,861,681	100%	\$ 168,861,681	\$ -	\$ 168,861,681

Ohio Edison Company: 16-1820-EL-RDR  
8/31/2016 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 8/31/2016, 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, and April 2016 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 8/31/2016 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	\$ 76,412,482	100%	\$ 76,412,482		\$ 76,412,482
41	303	Intangible FAS 109 Transmission	\$ 2,023,278	100%	\$ 2,023,278		\$ 2,023,278
42	303	Intangible FAS 109 Distribution	\$ 1,593,443	100%	\$ 1,593,443		\$ 1,593,443
43	303	Intangible FAS 109 General	\$ 199,091	100%	\$ 199,091		\$ 199,091
44		Total Other Plant	\$ 80,318,040		\$ 80,318,040	\$ -	\$ 80,318,040
45		Company Total Plant	<u>\$ 3,292,302,204</u>	100%	<u>\$ 3,292,302,204</u>	<u>\$ (86,973,963)</u>	<u>\$ 3,205,328,241</u>
46		Service Company Plant Allocated*					\$ 112,515,896
47		Grand Total Plant (45 + 46)					<u>\$ 3,317,844,136</u>

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



Ohio Edison Company: 16-1820-EL-RDR  
8/31/2016 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 8/31/2016, 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, and April 2016 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 8/31/2016 Plant in Service Balances" workpaper.

Line No.	Account No.	Account Title	Total Company	Reserve Balances				
			Plant Investment	Total	Allocation	Allocated	Adjustments	Adjusted
			Sch B2.1 (Actual) Column E	Company	%	Total		Jurisdiction
			(A)	(B)	(C)	(D) = (B) * (C)	(E)	(F) = (D) + (E)
TRANSMISSION PLANT								
1	350	Land & Land Rights	\$ 8,274,967	\$ 22,598	100%	\$ 22,598		\$ 22,598
2	352	Structures & Improvements	\$ 11,925,964	\$ 8,042,811	100%	\$ 8,042,811		\$ 8,042,811
3	353	Station Equipment	\$ 110,231,719	\$ 57,931,022	100%	\$ 57,931,022		\$ 57,931,022
4	354	Towers & Fixtures	\$ 276,919	\$ 302,866	100%	\$ 302,866		\$ 302,866
5	355	Poles & Fixtures	\$ 26,872,867	\$ 22,412,290	100%	\$ 22,412,290		\$ 22,412,290
6	356	Overhead Conductors & Devices	\$ 37,279,642	\$ 20,361,288	100%	\$ 20,361,288		\$ 20,361,288
7	357	Underground Conduit	\$ 1,540,142	\$ 913,070	100%	\$ 913,070		\$ 913,070
8	358	Underground Conductors & Devices	\$ 16,493,304	\$ 5,224,837	100%	\$ 5,224,837		\$ 5,224,837
9	359	Roads & Trails	\$ 34,404	\$ 475	100%	\$ 475		\$ 475
10		Total Transmission Plant	\$ 212,929,926	\$ 115,211,257	100%	\$ 115,211,257	\$0	\$ 115,211,257

Ohio Edison Company: 16-1820-EL-RDR  
8/31/2016 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 8/31/2016, 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, and April 2016 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 8/31/2016 Plant in Service Balances" workpaper.

Line No.	Account No.	Account Title	Total Company	Reserve Balances				
			Plant Investment	Total	Allocation	Allocated	Adjustments	Adjusted
			Sch B2.1 (Actual) Column E	Company	%	Total		Jurisdiction
			(A)	(B)	(C)	(D) = (B) * (C)	(E)	(F) = (D) + (E)
<u>DISTRIBUTION PLANT</u>								
11	360	Land & Land Rights	\$ 12,591,730	\$ 9,193	100%	\$ 9,193		\$ 9,193
12	361	Structures & Improvements	\$ 15,067,534	\$ 5,796,416	100%	\$ 5,796,416		\$ 5,796,416
13	362	Station Equipment	\$ 254,516,661	\$ 103,398,183	100%	\$ 103,398,183		\$ 103,398,183
14	364	Poles, Towers & Fixtures	\$ 492,662,330	\$ 233,194,511	100%	\$ 233,194,511		\$ 233,194,511
15	365	Overhead Conductors & Devices	\$ 723,572,122	\$ 178,054,320	100%	\$ 178,054,320		\$ 178,054,320
16	366	Underground Conduit	\$ 66,879,766	\$ 24,956,947	100%	\$ 24,956,947		\$ 24,956,947
17	367	Underground Conductors & Devices	\$ 309,414,474	\$ 77,717,466	100%	\$ 77,717,466		\$ 77,717,466
18	368	Line Transformers	\$ 487,838,887	\$ 214,433,821	100%	\$ 214,433,821		\$ 214,433,821
19	369	Services	\$ 131,227,852	\$ 84,536,761	100%	\$ 84,536,761		\$ 84,536,761
20	370	Meters	\$ 151,519,540	\$ 36,023,209	100%	\$ 36,023,209		\$ 36,023,209
21	371	Installation on Customer Premises	\$ 24,356,290	\$ 14,605,084	100%	\$ 14,605,084		\$ 14,605,084
22	373	Street Lighting & Signal Systems	\$ 73,549,135	\$ 37,152,583	100%	\$ 37,152,583		\$ 37,152,583
23	374	Asset Retirement Costs for Distribution Plant	\$ 22,272	\$ 13,681	100%	\$ 13,681		\$ 13,681
24		Total Distribution Plant	\$ 2,743,218,593	\$ 1,009,892,176	100%	\$ 1,009,892,176	\$ -	\$ 1,009,892,176

Ohio Edison Company: 16-1820-EL-RDR  
8/31/2016 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 8/31/2016, 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, and April 2016 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 8/31/2016 Plant in Service Balances" workpaper.

Line No.	Account No.	Account Title	Total Company	Reserve Balances					
			Plant Investment	Total	Allocation	Allocated	Adjustments	Adjusted	
			Sch B2.1 (Actual) Column E (A)	Company (B)	% (C)	Total (D) = (B) * (C)		Jurisdiction (F) = (D) + (E)	
<u>GENERAL PLANT</u>									
25	389	Land & Land Rights	\$ 3,257,286	\$ (74,752)	100%	\$ (74,752)		\$ (74,752)	
26	390	Structures & Improvements	\$ 91,033,629	\$ 37,981,558	100%	\$ 37,981,558		\$ 37,981,558	
27	390.3	Leasehold Improvements	\$ 108,959	\$ 108,959	100%	\$ 108,959		\$ 108,959	
28	391.1	Office Furniture & Equipment	\$ 6,653,672	\$ 5,548,881	100%	\$ 5,548,881		\$ 5,548,881	
29	391.2	Data Processing Equipment	\$ 9,211,634	\$ 2,001,140	100%	\$ 2,001,140		\$ 2,001,140	
30	392	Transportation Equipment	\$ 2,224,158	\$ 178,247	100%	\$ 178,247		\$ 178,247	
31	393	Stores Equipment	\$ 1,265,913	\$ 787,911	100%	\$ 787,911		\$ 787,911	
32	394	Tools, Shop & Garage Equipment	\$ 15,403,428	\$ 2,654,999	100%	\$ 2,654,999		\$ 2,654,999	
33	395	Laboratory Equipment	\$ 5,373,033	\$ 2,794,892	100%	\$ 2,794,892		\$ 2,794,892	
34	396	Power Operated Equipment	\$ 3,951,549	\$ 3,371,482	100%	\$ 3,371,482		\$ 3,371,482	
35	397	Communication Equipment	\$ 29,661,450	\$ 18,235,405	100%	\$ 18,235,405		\$ 18,235,405	
36	398	Miscellaneous Equipment	\$ 413,561	\$ 370,102	100%	\$ 370,102		\$ 370,102	
37	399.1	Asset Retirement Costs for General Plant	\$ 303,410	\$ 190,219	100%	\$ 190,219		\$ 190,219	
38		Total General Plant	\$ 168,861,681	\$ 74,149,042	100%	\$ 74,149,042	\$ -	\$ 74,149,042	

Ohio Edison Company: 16-1820-EL-RDR  
8/31/2016 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 8/31/2016, 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, and April 2016 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 8/31/2016 Plant in Service Balances" workpaper.

Line No.	Account No.	Account Title	Total Company	Reserve Balances				
			Plant Investment	Total	Allocation	Allocated	Adjustments	Adjusted
			Sch B2.1 (Actual) Column E	Company	%	Total		Jurisdiction
			(A)	(B)	(C)	(D) = (B) * (C)	(E)	(F) = (D) + (E)
OTHER PLANT								
39	301	Organization	\$ 89,746	\$ 40,978	100%	\$ 40,978		\$ 40,978
40	303	Intangible Software	\$ 76,412,482	\$ 57,299,799	100%	\$ 57,299,799		\$ 57,299,799
41	303	Intangible FAS 109 Transmission	\$ 2,023,278	\$ 697,049	100%	\$ 697,049		\$ 697,049
42	303	Intangible FAS 109 Distribution	\$ 1,593,443	\$ 1,556,361	100%	\$ 1,556,361		\$ 1,556,361
43	303	Intangible FAS 109 General	\$ 199,091	\$ 182,696	100%	\$ 182,696		\$ 182,696
44		Total Other Plant	\$ 80,318,040	\$ 59,776,883		\$ 59,776,883	\$ -	\$ 59,776,883
45		Removal Work in Progress (RWIP)		\$ (13,273,098)	100%	\$ (13,273,098)		\$ (13,273,098)
46		Company Total Plant (Reserve)	\$ 3,205,328,241	\$ 1,245,756,260	100%	\$ 1,245,756,260	\$ -	\$ 1,245,756,260
47		Service Company Reserve Allocated*						\$ 52,162,249
48		Grand Total Plant (Reserve) (46 + 47)						\$ 1,297,918,509

\* 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. 8/31/2016*	\$ 452,514,792	\$ 515,527,234	\$ 144,425,946	\$ 69,054,073
(2) Service Company Allocated ADIT**	\$ 9,812,584	\$ 11,891,111	\$ 5,234,299	
(3) Grand Total ADIT Balance***	<u>\$ 462,327,375</u>	<u>\$ 527,418,345</u>	<u>\$ 149,660,245</u>	

\*Source: Actual 8/31/2016 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 August 31, 2016

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	\$ 8,274,967	\$ 22,598	0.00%	\$ -
2	352	Structures & Improvements	\$ 11,925,964	\$ 8,042,811	2.06%	\$ 245,675
3	353	Station Equipment	\$ 110,231,719	\$ 57,931,022	2.20%	\$ 2,425,098
4	354	Towers & Fixtures	\$ 276,919	\$ 302,866	1.82%	\$ 5,040
5	355	Poles & Fixtures	\$ 26,872,867	\$ 22,412,290	2.98%	\$ 800,811
6	356	Overhead Conductors & Devices	\$ 37,279,642	\$ 20,361,288	2.55%	\$ 950,631
7	357	Underground Conduit	\$ 1,540,142	\$ 913,070	1.67%	\$ 25,720
8	358	Underground Conductors & Devices	\$ 16,493,304	\$ 5,224,837	2.00%	\$ 329,866
9	359	Roads & Trails	\$ 34,404	\$ 475	0.00%	\$ -
10		Total Transmission	\$ 212,929,926	\$ 115,211,257		\$ 4,782,841

Ohio Edison Company: 16-1820-EL-RDR  
Annual Depreciation Expense on Actual Plant Balances as of August 31, 2016

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	\$ 12,591,730	\$ 9,193	0.00%	\$ -
12	361	Structures & Improvements	\$ 15,067,534	\$ 5,796,416	2.45%	\$ 369,155
13	362	Station Equipment	\$ 254,516,661	\$ 103,398,183	2.55%	\$ 6,490,175
14	364	Poles, Towers & Fixtures	\$ 492,662,330	\$ 233,194,511	2.93%	\$ 14,435,006
15	365	Overhead Conductors & Devices	\$ 723,572,122	\$ 178,054,320	2.70%	\$ 19,536,447
16	366	Underground Conduit	\$ 66,879,766	\$ 24,956,947	1.50%	\$ 1,003,196
17	367	Underground Conductors & Devices	\$ 309,414,474	\$ 77,717,466	2.07%	\$ 6,404,880
18	368	Line Transformers	\$ 487,838,887	\$ 214,433,821	3.50%	\$ 17,074,361
19	369	Services	\$ 131,227,852	\$ 84,536,761	3.13%	\$ 4,107,432
20	370	Meters	\$ 151,519,540	\$ 36,023,209	3.24%	\$ 4,909,233
21	371	Installation on Customer Premises	\$ 24,356,290	\$ 14,605,084	4.44%	\$ 1,081,419
22	373	Street Lighting & Signal Systems	\$ 73,549,135	\$ 37,152,583	4.20%	\$ 3,089,064
23	374	Asset Retirement Costs for Distribution Plant	\$ 22,272	\$ 13,681	0.00%	\$ -
24		Total Distribution	\$ 2,743,218,593	\$ 1,009,892,176		\$ 78,500,368

Ohio Edison Company: 16-1820-EL-RDR  
Annual Depreciation Expense on Actual Plant Balances as of August 31, 2016

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	\$ 91,033,629	\$ 37,981,558	2.50%	\$ 2,275,841
27	390.3	Leasehold Improvements	\$ 108,959	\$ 108,959	20.78%	\$ 22,642
28	391.1	Office Furniture & Equipment	\$ 6,653,672	\$ 5,548,881	3.80%	\$ 252,840
29	391.2	Data Processing Equipment	\$ 9,211,634	\$ 2,001,140	17.00%	\$ 1,565,978
30	392	Transportation Equipment	\$ 2,224,158	\$ 178,247	7.31%	\$ 162,586
31	393	Stores Equipment	\$ 1,265,913	\$ 787,911	2.56%	\$ 32,407
32	394	Tools, Shop & Garage Equipment	\$ 15,403,428	\$ 2,654,999	3.17%	\$ 488,289
33	395	Laboratory Equipment	\$ 5,373,033	\$ 2,794,892	3.80%	\$ 204,175
34	396	Power Operated Equipment	\$ 3,951,549	\$ 3,371,482	3.48%	\$ 137,514
35	397	Communication Equipment	\$ 29,661,450	\$ 18,235,405	5.00%	\$ 1,483,073
36	398	Miscellaneous Equipment	\$ 413,561	\$ 370,102	4.00%	\$ 16,542
37	399.1	Asset Retirement Costs for General Plant	\$ 303,410	\$ 190,219	0.00%	\$ -
38		Total General	\$ 168,861,681	\$ 74,149,042		\$ 6,641,887



Ohio Edison Company: 16-1820-EL-RDR  
Annual Depreciation Expense on Actual Plant Balances as of August 31, 2016

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)	Reserve Balance Sch. B-3 (Actual)		
(A)	(B)	(C)	(D)	(E)	(F)	(G=DxF)
<u>OTHER PLANT</u>						
39	301	Organization	\$ 89,746	\$ 40,978	0.00%	*
40	303	Intangible Software	\$ 76,412,482	\$ 57,299,799	14.29%	*
41	303	Intangible FAS 109 Transmission	\$ 2,023,278	\$ 697,049	2.33%	*
42	303	Intangible FAS 109 Distribution	\$ 1,593,443	\$ 1,556,361	2.89%	*
43	303	Intangible FAS 109 General	\$ 199,091	\$ 182,696	3.87%	*
44		Total Other	\$ 80,318,040	\$ 59,776,883		\$ 4,729,097
45		Removal Work in Progress (RWIP)		(13,273,098)		
46		Company Total Depreciation	\$ 3,205,328,241	\$ 1,245,756,260		\$ 94,654,193
47		Incremental Depreciation Associated with Allocated Service Company Plant **	\$ 112,515,896	\$ 52,162,249		\$ 5,344,249
48		GRAND TOTAL (46 + 47)	<u>\$ 3,317,844,136</u>	<u>\$ 1,297,918,509</u>		<u>\$ 99,998,442</u>

\* Please see the "Intangible Depreciation Expense Calculation: Actual 8/31/2016 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.

Ohio Edison Company: 16-1820-EL-RDR

Annual Property Tax Expense on Actual Plant Balances as of August 31, 2016

Schedule C-3.10a (Actual)

Page 1 of 1

Line No.	Description	Jurisdictional Amount
1	Personal Property Taxes - See Schedule C-3.10a1 (Actual)	\$ 87,749,077
2	Real Property Taxes - See Schedule C-3.10a2 (Actual)	\$ 1,427,637
3	Incremental Property Tax Associated with Allocated Service Company Plant *	<u>\$ 75,203</u>
4	Total Property Taxes (1 + 2 + 3)	<u><u>\$ 89,251,916</u></u>

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

## Ohio Edison Company: 16-1820-EL-RDR

## Annual Personal Property Tax Expense on Actual Plant Balances as of August 31, 2016

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)	\$ 212,929,926	\$ 2,743,218,593	\$ 168,861,681
2	Jurisdictional Real Property (b)	\$ 20,200,931	\$ 27,659,264	\$ 94,399,874
3	Jurisdictional Personal Property (1 - 2)	\$ 192,728,996	\$ 2,715,559,329	\$ 74,461,807
	<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)	\$ 13,552,703	\$ 112,314,990.74	\$ -
9	Total Exclusions and Exemptions (4 thru 8)	\$ 14,128,141	\$ 294,788,520	\$ 4,192,414
10	Net Cost of Taxable Personal Property (3 - 9)	\$ 178,600,855	\$ 2,420,770,809	\$ 70,269,394
11	True Value Percentage (c)	36.6835%	46.2400%	39.7285%
12	True Value of Taxable Personal Property (10 x 11)	\$ 65,517,009	\$ 1,119,363,454	\$ 27,916,955
13	Assessment Percentage (d)	85.00%	85.00%	24.00%
14	Assessment Value (12 x 13)	\$ 55,689,458	\$ 951,458,936	\$ 6,700,069
15	Personal Property Tax Rate (e)	8.6091540%	8.6091540%	8.6091540%
16	Personal Property Tax (14 x 15)	\$ 4,794,391	\$ 81,912,565	\$ 576,819
17	State Mandated Software Adjustment (c)	\$ -	\$ -	\$ 465,302
18	Total Personal Property Tax (16 + 17)			<u>\$ 87,749,077</u>

(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 August 31, 2016

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)	\$ 20,200,931	\$ 27,659,264	\$ 94,399,874
2	Real Property Tax Rate (b)	<u>1.003540%</u>	<u>1.003540%</u>	<u>1.003540%</u>
3	Real Property Tax (1 x 2)	\$ 202,724	\$ 277,572	\$ 947,341
4	Total Real Property Tax (Sum of 3)			<u><u>\$ 1,427,637</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>\$2,280,994</u>	
(3) Real Property Tax Rate (Paid vs. Capital Costs)	<u><u>1.003540%</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 8/31/2016 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	\$ 86,973,963	\$ 15,628,312
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: 8/31/2016 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	\$ (1,800,527)	\$ 47,629
362	\$ 5,123,211	\$ 1,044,630
364	\$ 171,604	\$ 65,405
365	\$ 1,559,213	\$ 801,194
367	\$ 11,080	\$ 1,716
368	\$ 205,810	\$ 75,461
370	\$ 16,433,547	\$ 4,951,418
397	\$ 4,788,506	\$ 1,389,568
Grand Total	\$ 26,492,444	\$ 8,377,020

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	\$ 576	\$ (237)
356	\$ (919)	\$ (72)
358	\$ 26,601	\$ (1,822)
360	\$ -	\$ -
362	\$ 41,365	\$ 758
364	\$ (1,653)	\$ 84
365	\$ (4,312)	\$ 89
366	\$ (0)	\$ 1,976
367	\$ (16,892)	\$ 4,014
368	\$ (29,578)	\$ (43)
369	\$ (796)	\$ 12
370	\$ (1,659)	\$ (5)
371	\$ 0	\$ 1
373	\$ -	\$ -
390	\$ 0	\$ 123
Grand Total	\$ 12,732	\$ 4,880

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	\$ 653,402,413	\$ 92,848,483	\$ 112,515,896	\$ 49,527,903	\$ 254,892,281
(3) Reserve	\$ 302,916,661	\$ 43,044,458	\$ 52,162,249	\$ 22,961,083	\$ 118,167,789
(4) ADIT	\$ 69,054,073	\$ 9,812,584	\$ 11,891,111	\$ 5,234,299	\$ 26,937,994
(5) <b>Rate Base</b>		<b>\$ 39,991,442</b>	<b>\$ 48,462,535</b>	<b>\$ 21,332,521</b>	<b>\$ 109,786,498</b>
(6) Depreciation Expense (Incremental)		\$ 4,410,092	\$ 5,344,249	\$ 2,352,463	\$ 12,106,803
(7) Property Tax Expense (Incremental)		\$ 62,057	\$ 75,203	\$ 33,103	\$ 170,363
(8) <b>Total Expenses</b>		<b>\$ 4,472,149</b>	<b>\$ 5,419,452</b>	<b>\$ 2,385,566</b>	<b>\$ 12,277,166</b>

- (2) Gross Plant = Actual Service Company General and Intangible plant in-service as of 8/31/2016, adjusted to incorporate recommendations from the March 2013, April 2014, April 2015, and April 2016 Rider DCR audit reports.
- (3) Reserve = Actual Service Company General and Intangible Plant depreciation reserve as of 8/31/2016, adjusted to incorporate recommendations from the March 2013, April 2014, April 2015, and April 2016 Rider DCR audit reports.
- (4) ADIT: Actual ADIT Balances as of 8/31/2016.
- (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 8/31/2016"
- (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 8/31/2016"
- (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 8/31/2016: 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 (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			(F) Accrual Rates				(J) Depreciation Expense
			(C) Gross	(D) Reserve	(E) Net	(F) CEI	(G) OE	(H) TE	(I) 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	<b>TOTAL - GENERAL &amp; INTANGIBLE</b>		\$ 314,463,678	\$ 141,912,431	\$ 172,551,247				<b>10.68%</b>	<b>\$ 33,587,782</b>
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**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 August 31, 2016

Line No.	(A) Account	(B) Account Description	(C) 8/31/2016 Actual 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%	

#### GENERAL PLANT

30	389	Fee Land & Easements	\$ 230,947	\$ -	\$ 230,947	0.00%	0.00%	0.00%	0.00%	\$ -
31	390	Structures, Improvements *	\$ 44,949,595	\$ 21,969,112	\$ 22,980,483	2.20%	2.50%	2.20%	2.33%	\$ 1,048,417
32	390.3	Struct Imprv, Leasehold Imp **	\$ 14,457,500	\$ 6,840,905	\$ 7,616,596	22.34%	20.78%	0.00%	21.49%	\$ 3,106,237
33	391.1	Office Furn., Mech. Equip.	\$ 16,815,123	\$ 9,809,303	\$ 7,005,821	7.60%	3.80%	3.80%	5.18%	\$ 871,731
34	391.2	Data Processing Equipment	\$ 140,958,919	\$ 30,134,922	\$ 110,823,997	10.56%	17.00%	9.50%	13.20%	\$ 18,602,082
35	392	Transportation Equipment	\$ 466,702	\$ 108,174	\$ 358,528	6.07%	7.31%	6.92%	6.78%	\$ 31,654
36	393	Stores Equipment	\$ 16,715	\$ 6,680	\$ 10,035	6.67%	2.56%	3.13%	4.17%	\$ 697
37	394	Tools, Shop, Garage Equip.	\$ 199,565	\$ 15,857	\$ 183,708	4.62%	3.17%	3.33%	3.73%	\$ 7,442
38	395	Laboratory Equipment	\$ 108,485	\$ 26,710	\$ 81,775	2.31%	3.80%	2.86%	3.07%	\$ 3,335
39	396	Power Operated Equipment	\$ 346,410	\$ 71,125	\$ 275,285	4.47%	3.48%	5.28%	4.19%	\$ 14,516
40	397	Communication Equipment ***	\$ 106,866,606	\$ 32,342,971	\$ 74,523,635	7.50%	5.00%	5.88%	6.08%	\$ 6,499,259
41	398	Misc. Equipment	\$ 3,214,566	\$ 935,914	\$ 2,278,652	6.67%	4.00%	3.33%	4.84%	\$ 155,662
42	399.1	ARC General Plant	\$ 40,721	\$ 25,529	\$ 15,192	0.00%	0.00%	0.00%	0.00%	\$ -
43			\$ 328,671,858	\$ 102,287,203	\$ 226,384,655					\$ 30,341,034

#### INTANGIBLE PLANT

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	\$ 4,601,187	\$ 8,939,439	\$ (4,338,252)	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	\$ 17,224,027	\$ 2,129,936	14.29%	14.29%	14.29%	14.29%	\$ 2,129,936
55	303	FECO 101/6-303 2011 Software	\$ 53,742,285	\$ 39,260,230	\$ 14,482,055	14.29%	14.29%	14.29%	14.29%	\$ 7,679,772
56	303	FECO 101/6-303 2012 Software	\$ 38,042,303	\$ 20,677,483	\$ 17,364,820	14.29%	14.29%	14.29%	14.29%	\$ 5,436,245
57	303	FECO 101/6-303 2013 Software	\$ 79,856,605	\$ 29,546,003	\$ 50,310,603	14.29%	14.29%	14.29%	14.29%	\$ 11,411,509
58	303	FECO 101/6-303 2014 Software	\$ 24,001,268	\$ 5,992,021	\$ 18,009,247	14.29%	14.29%	14.29%	14.29%	\$ 3,429,781
59	303	FECO 101/6-303 2015 Software	\$ 26,986,863	\$ 3,086,496	\$ 23,900,368	14.29%	14.29%	14.29%	14.29%	\$ 3,856,423
60	304	FECO 101/6-303 2016 Software	\$ 2,366,749	\$ 134,637	\$ 2,232,112	14.29%	14.29%	14.29%	14.29%	\$ 338,208
61			\$ 324,730,556	\$ 200,639,668	\$ 124,090,888					\$ 34,281,875

62	Removal Work in Progress (RWIP)		\$ (10,210)							
63	<b>TOTAL - GENERAL &amp; INTANGIBLE</b>		<b>\$ 653,402,413</b>	<b>\$ 302,916,661</b>	<b>\$ 350,475,543</b>				<b>9.89%</b>	<b>\$ 64,622,909</b>

#### NOTES

- (C) - (E) Service Company plant balances as of August 31, 2016 adjusted to incorporate recommendations from the March 2013, April 2014, April 2015, and April 2016 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 8/31/2016. 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>				<b>\$ 234,896,167</b>	<b>\$ 429,208</b>
21	<b>TOTAL - INTANGIBLE PLANT</b>				<b>\$ 79,567,511</b>	<b>\$ -</b>
22	<b>TOTAL - GENERAL &amp; INTANGIBLE PLANT</b>				<b>\$ 314,463,678</b>	<b>\$ 429,208</b>
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 August 31, 2016 <sup>1</sup>**

(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	1.73%	1.00%	1.95%	1.45%	Schedule C3.10a2 (Actual)
<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>						

#### **IV. Estimated Property Tax Rate for Service Company Actual General Plant as of August 31, 2016**

(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	1.45%	\$ 230,947	\$ 3,353
28	390	Structures, Improvements	Real	1.45%	\$ 44,949,595	\$ 652,654
29	390.3	Struct Imprv, Leasehold Imp	Real	1.45%	\$ 14,457,500	\$ 209,918
30	391.1	Office Furn., Mech. Equip.	Personal		\$ 16,815,123	\$ -
31	391.2	Data Processing Equipment	Personal		\$ 140,958,919	\$ -
32	392	Transportation Equipment	Personal		\$ 466,702	\$ -
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		\$ 346,410	\$ -
37	397	Communication Equipment	Personal		\$ 106,866,606	\$ -
38	398	Misc. Equipment	Personal		\$ 3,214,566	\$ -
39	399.1	ARC General Plant	Personal		\$ 40,721	\$ -
40	<b>TOTAL - GENERAL PLANT</b>				\$ 328,671,858	\$ 865,925
41	<b>TOTAL - INTANGIBLE PLANT</b>				\$ 324,730,556	\$ -
42	<b>TOTAL - GENERAL &amp; INTANGIBLE PLANT</b>				\$ 653,402,413	\$ 865,925
43	<b>Average Effective Real Property Tax Rate</b>					<b>0.13%</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 8/31/2016 adjusted to incorporate recommendations from the March 2013, April 2014, April 2015, and April 2016 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

<b>Incremental Depreciation and Property Tax Associated with Service Company Plant (Actual)</b>							
<b>Case No. 07-551-EL-AIR vs. Actual 8/31/2016 Balances</b>							
<b>I. Allocated Service Company Plant and Related Expenses as of August 31, 2016</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	\$ 653,402,413	\$ 92,848,483	\$ 112,515,896	\$ 49,527,903	\$ 254,892,281	"Depreciation Rate for Service Company Plant (Actual)" workpaper, Line 63 x Line 1
3	Accum. Reserve	\$ (302,916,661)	\$ (43,044,458)	\$ (52,162,249)	\$ (22,961,083)	\$ (118,167,789)	"Depreciation Rate for Service Company Plant (Actual)" workpaper, Line 63 x Line 1
4	Net Plant	\$ 350,485,752	\$ 49,804,025	\$ 60,353,647	\$ 26,566,820	\$ 136,724,492	Line 2 + Line 3
5	Depreciation *	9.89%	\$ 9,182,915	\$ 11,128,065	\$ 4,898,416	\$ 25,209,397	Average Rate x Line 2
6	Property Tax *	0.13%	\$ 123,048	\$ 149,112	\$ 65,637	\$ 337,797	Average Rate x Line 2
7	Total Expenses		\$ 9,305,963	\$ 11,277,177	\$ 4,964,054	\$ 25,547,194	
* Effective Depreciation and Property Tax rates based on weighted averages across companies over General and Intangible plant, as of 8/31/2016. See line 63 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	-0.79%	\$ 4,410,092	\$ 5,344,249	\$ 2,352,463	\$ 12,106,803	Line 5 - Line 12
16	Property Tax	0.00%	\$ 62,057	\$ 75,203	\$ 33,103	\$ 170,363	Line 6 - Line 13
17	Total Expenses		\$ 4,472,149	\$ 5,419,452	\$ 2,385,566	\$ 12,277,166	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 August 31, 2016. The incremental expenses calculated on Line 17 above are added to the Rider DCR revenue requirements.							

**Intangible Depreciation Expense Calculation**  
**Actual 8/31/2016 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 workpaper 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 Aug-16 (D)	Reserve Aug-16 (E)	Net Plant Aug-16 (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	\$ 1,219,862	\$ 1,219,862	\$ -	14.29%	\$ -
CECO The Illuminating Co.	CECO 101/6-303 2006 Software	Intangible Plant	\$ 1,808,778	\$ 1,808,778	\$ -	14.29%	\$ -
CECO The Illuminating Co.	CECO 101/6-303 2007 Software	Intangible Plant	\$ 5,870,456	\$ 5,870,456	\$ -	14.29%	\$ -
CECO The Illuminating Co.	CECO 101/6-303 2008 Software	Intangible Plant	\$ 1,068,042	\$ 1,068,042	\$ -	14.29%	\$ -
CECO The Illuminating Co.	CECO 101/6-303 2009 Software	Intangible Plant	\$ 3,242,050	\$ 3,242,050	\$ -	14.29%	\$ -
CECO The Illuminating Co.	CECO 101/6-303 2010 Software	Intangible Plant	\$ 2,803,986	\$ 2,478,695	\$ 325,291	14.29%	\$ 325,291
CECO The Illuminating Co.	CECO 101/6-303 2011 Software	Intangible Plant	\$ 5,812,975	\$ 4,301,135	\$ 1,511,839	14.29%	\$ 830,674
CECO The Illuminating Co.	CECO 101/6-303 2012 Software	Intangible Plant	\$ 761,398	\$ 389,189	\$ 372,210	14.29%	\$ 108,804
CECO The Illuminating Co.	CECO 101/6-303 2013 Software	Intangible Plant	\$ 2,212,656	\$ 998,075	\$ 1,214,581	14.29%	\$ 316,189
CECO The Illuminating Co.	CECO 101/6-303 2014 Software	Intangible Plant	\$ 3,404,899	\$ 735,716	\$ 2,669,183	14.29%	\$ 486,560
CECO The Illuminating Co.	CECO 101/6-303 2015 Software	Intangible Plant	\$ 1,732,172	\$ 194,867	\$ 1,537,305	14.29%	\$ 247,527
CECO The Illuminating Co.	CECO 101/6-303 2016 Software	Intangible Plant	\$ 838,448	\$ 22,754	\$ 815,694	14.29%	\$ 119,814
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	\$ 1,086,245	\$ 90,095	2.15%	\$ 25,291
CECO The Illuminating Co.	CECO 101/6-303 Software	Intangible Plant	\$ 1,370,412	\$ 905,267	\$ 465,145	14.29%	\$ 195,832
CECO The Illuminating Co.	CECO 101/6-303 Software Evolution	Intangible Plant	\$ 12,454,403	\$ 12,454,403	\$ -	14.29%	\$ -
<b>Total</b>			<b>\$ 55,648,194</b>	<b>\$ 46,646,852</b>	<b>\$ 9,001,342</b>		<b>\$ 2,655,982</b>
OECO Ohio Edison Co.	OECO 101/6-301 Organization	Intangible Plant	\$ 89,746	\$ 40,978	\$ 48,769	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	\$ 2,945,313	\$ 348,189	14.29%	\$ 348,189
OECO Ohio Edison Co.	OECO 101/6-303 2011 Software	Intangible Plant	\$ 8,201,370	\$ 5,934,796	\$ 2,266,574	14.29%	\$ 1,171,976
OECO Ohio Edison Co.	OECO 101/6-303 2012 Software	Intangible Plant	\$ 963,533	\$ 559,379	\$ 404,154	14.29%	\$ 137,689
OECO Ohio Edison Co.	OECO 101/6-303 2013 Software	Intangible Plant	\$ 5,934,560	\$ 2,190,226	\$ 3,744,335	14.29%	\$ 848,049
OECO Ohio Edison Co.	OECO 101/6-303 2014 Software	Intangible Plant	\$ 5,606,085	\$ 1,305,981	\$ 4,300,104	14.29%	\$ 801,109
OECO Ohio Edison Co.	OECO 101/6-303 2015 Software	Intangible Plant	\$ 2,417,783	\$ 173,586	\$ 2,244,198	14.29%	\$ 345,501
OECO Ohio Edison Co.	OECO 101/6-303 2016 Software	Intangible Plant	\$ 1,714,825	\$ 1	\$ 1,714,824	14.29%	\$ 245,048
OECO Ohio Edison Co.	OECO 101/6-303 FAS109 Dist Land	Intangible Plant	\$ 37,082	\$ -	\$ 37,082	2.89%	\$ 1,072
OECO Ohio Edison Co.	OECO 101/6-303 FAS109 Distribution	Intangible Plant	\$ 1,556,361	\$ 1,556,361	\$ -	2.89%	\$ -
OECO Ohio Edison Co.	OECO 101/6-303 FAS109 G/P Land	Intangible Plant	\$ 7,778	\$ -	\$ 7,778	3.87%	\$ 301
OECO Ohio Edison Co.	OECO 101/6-303 FAS109 General Plant	Intangible Plant	\$ 191,313	\$ 182,696	\$ 8,617	3.87%	\$ 7,404
OECO Ohio Edison Co.	OECO 101/6-303 FAS109 Transm Land	Intangible Plant	\$ 1,326,229	\$ -	\$ 1,326,229	2.33%	\$ 30,901
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	\$ 5,541,344	\$ 1,451,038	\$ 4,090,306	14.29%	\$ 791,858
<b>Total</b>			<b>\$ 80,318,040</b>	<b>\$ 59,776,883</b>	<b>\$ 20,541,157</b>		<b>\$ 4,729,097</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	\$ 1,294,524	\$ 162,109	14.29%	\$ 162,109
TECO Toledo Edison Co.	TECO 101/6-303 2011 Software	Intangible Plant	\$ 2,259,874	\$ 1,669,222	\$ 590,652	14.29%	\$ 322,936
TECO Toledo Edison Co.	TECO 101/6-303 2012 Software	Intangible Plant	\$ 554,860	\$ 271,186	\$ 283,674	14.29%	\$ 79,289
TECO Toledo Edison Co.	TECO 101/6-303 2013 Software	Intangible Plant	\$ 1,587,383	\$ 546,420	\$ 1,040,963	14.29%	\$ 226,837
TECO Toledo Edison Co.	TECO 101/6-303 2014 Software	Intangible Plant	\$ 2,002,109	\$ 539,095	\$ 1,463,013	14.29%	\$ 286,101
TECO Toledo Edison Co.	TECO 101/6-303 2015 Software	Intangible Plant	\$ 678,393	\$ 76,371	\$ 602,022	14.29%	\$ 96,942
TECO Toledo Edison Co.	TECO 101/6-303 2016 Software	Intangible Plant	\$ 581,819	\$ 26,207	\$ 555,612	14.29%	\$ 83,142
TECO Toledo Edison Co.	TECO 101/6-303 FAS109 Distribution	Intangible Plant	\$ 240,093	\$ 240,093	\$ -	3.10%	\$ -
TECO Toledo Edison Co.	TECO 101/6-303 FAS109 Transmission	Intangible Plant	\$ 54,210	\$ 50,289	\$ 3,921	2.37%	\$ 1,285
TECO Toledo Edison Co.	TECO 101/6-303 Software	Intangible Plant	\$ (175,855)	\$ 294,846	\$ (470,700)	14.29%	\$ -
<b>Total</b>			<b>\$ 26,462,635</b>	<b>\$ 22,231,369</b>	<b>\$ 4,231,266</b>		<b>\$ 1,258,642</b>

**NOTES**

- (D) - (F) Source: Actual 8/31/2016 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, and April 2016 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 11/30/2016**  
**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>11/30/2016</b>	<b>Incremental</b>	<b>Source of Column (B)</b>	
(2)	CEI	1,927.1	2,958.8	1,031.7	Sch B2.1 (Estimate) Line 45		
(3)	OE	2,074.0	3,354.2	1,280.2	Sch B2.1 (Estimate) Line 47		
(4)	TE	771.5	1,162.4	390.9	Sch B2.1 (Estimate) Line 44		
	<b>Total</b>	<b>4,772.5</b>	<b>7,475.4</b>	<b>2,702.8</b>	<b>Sum: [ (1) through (3) ]</b>		
	<b>Accumulated Reserve</b>						
(5)	CEI	(773.0)	(1,273.3)	(500.3)	-Sch B3 (Estimate) Line 46		
(6)	OE	(803.0)	(1,312.9)	(509.9)	-Sch B3 (Estimate) Line 48		
(7)	TE	(376.8)	(584.3)	(207.5)	-Sch B3 (Estimate) Line 45		
(8)	<b>Total</b>	<b>(1,952.8)</b>	<b>(3,170.5)</b>	<b>(1,217.7)</b>	<b>Sum: [ (5) through (7) ]</b>		
	<b>Net Plant In Service</b>						
(9)	CEI	1,154.0	1,685.5	531.4	(1) + (5)		
(10)	OE	1,271.0	2,041.3	770.3	(2) + (6)		
(11)	TE	394.7	578.1	183.4	(3) + (7)		
(12)	<b>Total</b>	<b>2,819.7</b>	<b>4,304.9</b>	<b>1,485.2</b>	<b>Sum: [ (9) through (11) ]</b>		
	<b>ADIT</b>						
(13)	CEI	(246.4)	(465.8)	(219.4)	- ADIT Balances (Estimate) Line 3		
(14)	OE	(197.1)	(563.1)	(366.0)	- ADIT Balances (Estimate) Line 3		
(15)	TE	(10.3)	(148.7)	(138.4)	- ADIT Balances (Estimate) Line 3		
(16)	<b>Total</b>	<b>(453.8)</b>	<b>(1,177.6)</b>	<b>(723.8)</b>	<b>Sum: [ (13) through (15) ]</b>		
	<b>Rate Base</b>						
(17)	CEI	907.7	1,219.7	312.0	(9) + (13)		
(18)	OE	1,073.9	1,478.2	404.3	(10) + (14)		
(19)	TE	384.4	429.4	45.0	(11) + (15)		
(20)	<b>Total</b>	<b>2,366.0</b>	<b>3,127.3</b>	<b>761.3</b>	<b>Sum: [ (17) through (19) ]</b>		
	<b>Depreciation Exp</b>						
(21)	CEI	60.0	95.5	35.5	Sch B-3.2 (Estimate) Line 46		
(22)	OE	62.0	101.0	39.0	Sch B-3.2 (Estimate) Line 48		
(23)	TE	24.5	38.2	13.6	Sch B-3.2 (Estimate) Line 45		
(24)	<b>Total</b>	<b>146.5</b>	<b>234.6</b>	<b>88.1</b>	<b>Sum: [ (21) through (23) ]</b>		
	<b>Property Tax Exp</b>						
(25)	CEI	65.0	102.6	37.6	Sch C-3.10a (Estimate) Line 4		
(26)	OE	57.4	89.1	31.7	Sch C-3.10a (Estimate) Line 4		
(27)	TE	20.1	30.1	10.0	Sch C-3.10a (Estimate) Line 4		
(28)	<b>Total</b>	<b>142.4</b>	<b>221.8</b>	<b>79.3</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	312.0	26.5	35.5	37.6	99.6	
(31)	OE	404.3	34.3	39.0	31.7	105.0	
(32)	TE	45.0	3.8	13.6	10.0	27.5	
	<b>Total</b>	<b>761.3</b>	<b>64.6</b>	<b>88.1</b>	<b>79.3</b>	<b>232.0</b>	

<b>Capital Structure &amp; Returns</b>			
(33) Debt	% mix	rate	wtd rate
(34) Equity	51%	6.54%	3.3%
(35)	49%	10.50%	5.1%
			<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	16.1	35.95%	9.0	0.3	9.3	108.9
(37) OE	20.8	35.85%	11.6	0.3	11.9	116.9
(38) TE	2.3	35.70%	1.3	0.1	1.4	28.8
(39) <b>Total</b>	<b>39.2</b>		<b>21.9</b>	<b>0.7</b>	<b>22.6</b>	<b>254.6</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  
11/30/2016 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 11/30/2016 from the forecast as of September 2016, adjusted to reflect current assumptions, incorporate recommendations from the March 2013, April 2014, April 2015, and April 2016 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 11/30/2016 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	\$ 95,340,812	100%	\$ 95,340,812	\$ (86,973,963)	\$ 8,366,849
2	352	Structures & Improvements	\$ 11,925,964	100%	\$ 11,925,964		\$ 11,925,964
3	353	Station Equipment	\$ 110,897,031	100%	\$ 110,897,031		\$ 110,897,031
4	354	Towers & Fixtures	\$ 276,919	100%	\$ 276,919		\$ 276,919
5	355	Poles & Fixtures	\$ 26,872,867	100%	\$ 26,872,867		\$ 26,872,867
6	356	Overhead Conductors & Devices	\$ 37,672,643	100%	\$ 37,672,643		\$ 37,672,643
7	357	Underground Conduit	\$ 1,540,142	100%	\$ 1,540,142		\$ 1,540,142
8	358	Underground Conductors & Devices	\$ 16,493,304	100%	\$ 16,493,304		\$ 16,493,304
9	359	Roads & Trails	\$ 34,404	100%	\$ 34,404		\$ 34,404
10		Total Transmission Plant	\$ 301,054,085	100%	\$ 301,054,085	\$ (86,973,963)	\$ 214,080,122

Ohio Edison Company: 16-1820-EL-RDR  
11/30/2016 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 11/30/2016 from the forecast as of September 2016, adjusted to reflect current assumptions, incorporate recommendations from the March 2013, April 2014, April 2015, and April 2016 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 11/30/2016 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	\$ 12,670,597	100%	\$ 12,670,597		\$ 12,670,597
12	361	Structures & Improvements	\$ 15,802,513	100%	\$ 15,802,513		\$ 15,802,513
13	362	Station Equipment	\$ 261,025,658	100%	\$ 261,025,658		\$ 261,025,658
14	364	Poles, Towers & Fixtures	\$ 495,418,573	100%	\$ 495,418,573		\$ 495,418,573
15	365	Overhead Conductors & Devices	\$ 727,701,412	100%	\$ 727,701,412		\$ 727,701,412
16	366	Underground Conduit	\$ 66,879,770	100%	\$ 66,879,770		\$ 66,879,770
17	367	Underground Conductors & Devices	\$ 312,936,682	100%	\$ 312,936,682		\$ 312,936,682
18	368	Line Transformers	\$ 490,960,459	100%	\$ 490,960,459		\$ 490,960,459
19	369	Services	\$ 131,897,318	100%	\$ 131,897,318		\$ 131,897,318
20	370	Meters	\$ 152,860,835	100%	\$ 152,860,835		\$ 152,860,835
21	371	Installation on Customer Premises	\$ 24,388,183	100%	\$ 24,388,183		\$ 24,388,183
22	373	Street Lighting & Signal Systems	\$ 74,428,777	100%	\$ 74,428,777		\$ 74,428,777
23	374	Asset Retirement Costs for Distribution Plant	\$ 22,272	100%	\$ 22,272		\$ 22,272
24		Total Distribution Plant	\$ 2,766,993,050	100%	\$ 2,766,993,050	\$ -	\$ 2,766,993,050

Ohio Edison Company: 16-1820-EL-RDR  
11/30/2016 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 11/30/2016 from the forecast as of September 2016, adjusted to reflect current assumptions, incorporate recommendations from the March 2013, April 2014, April 2015, and April 2016 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 11/30/2016 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	\$ 95,913,664	100%	\$ 95,913,664		\$ 95,913,664
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	\$ 9,214,300	100%	\$ 9,214,300		\$ 9,214,300
30	392	Transportation Equipment	\$ 2,224,158	100%	\$ 2,224,158		\$ 2,224,158
31	393	Stores Equipment	\$ 1,265,913	100%	\$ 1,265,913		\$ 1,265,913
32	394	Tools, Shop & Garage Equipment	\$ 15,820,589	100%	\$ 15,820,589		\$ 15,820,589
33	395	Laboratory Equipment	\$ 5,373,033	100%	\$ 5,373,033		\$ 5,373,033
34	396	Power Operated Equipment	\$ 3,951,549	100%	\$ 3,951,549		\$ 3,951,549
35	397	Communication Equipment	\$ 34,325,508	100%	\$ 34,325,508		\$ 34,325,508
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	\$ 178,825,600	100%	\$ 178,825,600	\$0	\$ 178,825,600



Ohio Edison Company: 16-1820-EL-RDR  
11/30/2016 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 11/30/2016 from the forecast as of September 2016, adjusted to reflect current assumptions, incorporate recommendations from the March 2013, April 2014, April 2015, and April 2016 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 11/30/2016 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		100%	\$ -		\$ -
40	303	Intangible Software	\$ 76,412,482	100%	\$ 76,412,482		\$ 76,412,482
41	303	Intangible FAS 109 Transmission	\$ 2,023,278	100%	\$ 2,023,278		\$ 2,023,278
42	303	Intangible FAS 109 Distribution	\$ 1,593,443	100%	\$ 1,593,443		\$ 1,593,443
43	303	Intangible FAS 109 General	\$ 199,091	100%	\$ 199,091		\$ 199,091
44		Total Other Plant	\$ 80,228,294		\$ 80,228,294	\$ -	\$ 80,228,294
45		Company Total Plant	<u>\$ 3,327,101,029</u>	100%	<u>\$ 3,327,101,029</u>	<u>\$ (86,973,963)</u>	<u>\$ 3,240,127,066</u>
46		Service Company Plant Allocated*					\$ 114,105,440
47		Grand Total Plant (45 + 46)					<u>\$ 3,354,232,506</u>

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

Ohio Edison Company: 16-1820-EL-RDR  
11/30/2016 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 11/30/2016 from the forecast as of September 2016, adjusted to reflect current assumptions, incorporate recommendations from the March 2013, April 2014, April 2015, and April 2016 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 11/30/2016 Plant in Service Balances" workpaper.

Line No.	Account No.	Account Title	Total Company	Reserve Balances				
			Plant Investment	Total	Allocation	Allocated	Adjustments	Adjusted
			Sch B2.1 (Estimate) Column E	Company	%	Total		Jurisdiction
			(A)	(B)	(C)	(D) = (B) * (C)	(E)	(F) = (D) + (E)
<u>TRANSMISSION PLANT</u>								
1	350	Land & Land Rights	\$ 8,366,849	\$ 12,389	100%	\$ 12,389		\$ 12,389
2	352	Structures & Improvements	\$ 11,925,964	\$ 8,104,172	100%	\$ 8,104,172		\$ 8,104,172
3	353	Station Equipment	\$ 110,897,031	\$ 58,465,576	100%	\$ 58,465,576		\$ 58,465,576
4	354	Towers & Fixtures	\$ 276,919	\$ 302,866	100%	\$ 302,866		\$ 302,866
5	355	Poles & Fixtures	\$ 26,872,867	\$ 22,612,372	100%	\$ 22,612,372		\$ 22,612,372
6	356	Overhead Conductors & Devices	\$ 37,672,643	\$ 20,556,031	100%	\$ 20,556,031		\$ 20,556,031
7	357	Underground Conduit	\$ 1,540,142	\$ 919,476	100%	\$ 919,476		\$ 919,476
8	358	Underground Conductors & Devices	\$ 16,493,304	\$ 5,307,150	100%	\$ 5,307,150		\$ 5,307,150
9	359	Roads & Trails	<u>\$ 34,404</u>	<u>\$ 589</u>	100%	<u>\$ 589</u>		<u>\$ 589</u>
10		Total Transmission Plant	\$ 214,080,122	\$ 116,280,621	100%	\$ 116,280,621	\$ -	\$ 116,280,621

Ohio Edison Company: 16-1820-EL-RDR  
11/30/2016 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 11/30/2016 from the forecast as of September 2016, adjusted to reflect current assumptions, incorporate recommendations from the March 2013, April 2014, April 2015, and April 2016 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 11/30/2016 Plant in Service Balances" workpaper.

Line No.	Account No.	Account Title	Total Company		Reserve Balances			
			Sch B2.1 (Estimate)	Column E	Total Company	Allocation %	Allocated Total	Adjusted Jurisdiction
			(A)		(B)	(C)	(D) = (B) * (C)	(F) = (D) + (E)
							(E)	
<u>DISTRIBUTION PLANT</u>								
11	360	Land & Land Rights	\$ 12,670,597		\$ 430	100%	\$ 430	\$ 430
12	361	Structures & Improvements	\$ 15,802,513		\$ 5,814,135	100%	\$ 5,814,135	\$ 5,814,135
13	362	Station Equipment	\$ 261,025,658		\$ 103,632,179	100%	\$ 103,632,179	\$ 103,632,179
14	364	Poles, Towers & Fixtures	\$ 230,300,684		\$ 236,052,360	100%	\$ 236,052,360	\$ 236,052,360
15	365	Overhead Conductors & Devices	\$ 174,905,161		\$ 181,340,523	100%	\$ 181,340,523	\$ 181,340,523
16	366	Underground Conduit	\$ 66,879,770		\$ 25,207,291	100%	\$ 25,207,291	\$ 25,207,291
17	367	Underground Conductors & Devices	\$ 312,936,682		\$ 78,282,863	100%	\$ 78,282,863	\$ 78,282,863
18	368	Line Transformers	\$ 490,960,459		\$ 217,390,966	100%	\$ 217,390,966	\$ 217,390,966
19	369	Services	\$ 131,897,318		\$ 85,518,959	100%	\$ 85,518,959	\$ 85,518,959
20	370	Meters	\$ 152,860,835		\$ 37,109,399	100%	\$ 37,109,399	\$ 37,109,399
21	371	Installation on Customer Premises	\$ 24,388,183		\$ 14,871,745	100%	\$ 14,871,745	\$ 14,871,745
22	373	Street Lighting & Signal Systems	\$ 74,428,777		\$ 37,214,624	100%	\$ 37,214,624	\$ 37,214,624
23	374	Asset Retirement Costs for Distribution Plant	\$ 22,272		\$ 13,793	100%	\$ 13,793	\$ 13,793
24		Total Distribution Plant	\$ 1,949,078,910		\$ 1,022,449,267	100%	\$ 1,022,449,267	\$ -

Ohio Edison Company: 16-1820-EL-RDR  
11/30/2016 Estimated Reserve for Accumulated Depreciation by Accounts and Subaccounts

Schedule B-3 (Estimate)

Page 3 of 4

NOTE: Column B contains estimated reserve for accumulated depreciation balances as of 11/30/2016 from the forecast as of September 2016, adjusted to reflect current assumptions, incorporate recommendations from the March 2013, April 2014, April 2015, and April 2016 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 11/30/2016 Plant in Service Balances" workpaper.

Line No.	Account No.	Account Title	Total Company	Reserve Balances				
			Plant Investment	Total	Allocation	Allocated	Adjustments	Adjusted
			Sch B2.1 (Estimate) Column E	Company	%	Total		Jurisdiction
			(A)	(B)	(C)	(D) = (B) * (C)	(E)	(F) = (D) + (E)
<u>GENERAL PLANT</u>								
25	389	Land & Land Rights	\$ 3,257,286	\$ (74,752)	100%	\$ (74,752)		\$ (74,752)
26	390	Structures & Improvements	\$ 95,913,664	\$ 37,597,597	100%	\$ 37,597,597		\$ 37,597,597
27	390.3	Leasehold Improvements	\$ 108,959	\$ 108,959	100%	\$ 108,959		\$ 108,959
28	391.1	Office Furniture & Equipment	\$ 6,653,672	\$ 5,612,093	100%	\$ 5,612,093		\$ 5,612,093
29	391.2	Data Processing Equipment	\$ 9,214,300	\$ 2,392,359	100%	\$ 2,392,359		\$ 2,392,359
30	392	Transportation Equipment	\$ 2,224,158	\$ 218,894	100%	\$ 218,894		\$ 218,894
31	393	Stores Equipment	\$ 1,265,913	\$ 796,013	100%	\$ 796,013		\$ 796,013
32	394	Tools, Shop & Garage Equipment	\$ 15,820,589	\$ 2,732,646	100%	\$ 2,732,646		\$ 2,732,646
33	395	Laboratory Equipment	\$ 5,373,033	\$ 2,845,936	100%	\$ 2,845,936		\$ 2,845,936
34	396	Power Operated Equipment	\$ 3,951,549	\$ 3,405,860	100%	\$ 3,405,860		\$ 3,405,860
35	397	Communication Equipment	\$ 34,325,508	\$ 17,746,498	100%	\$ 17,746,498		\$ 17,746,498
36	398	Miscellaneous Equipment	\$ 413,561	\$ 374,104	100%	\$ 374,104		\$ 374,104
37	399.1	Asset Retirement Costs for General Plant	\$ 303,410	\$ 191,947	100%	\$ 191,947		\$ 191,947
38		Total General Plant	\$ 178,825,600	\$ 73,948,155	100%	\$ 73,948,155	\$ -	\$ 73,948,155

## Ohio Edison Company: 16-1820-EL-RDR

11/30/2016 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 11/30/2016 from the forecast as of September 2016, adjusted to reflect current assumptions, incorporate recommendations from the March 2013, April 2014, April 2015, and April 2016 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 11/30/2016 Plant in Service Balances" worksheet.

Line No.	Account No.	Account Title	Total Company	Reserve Balances				
			Plant Investment	Total	Allocation	Allocated	Adjustments	Adjusted
			Sch B2.1 (Estimate) Column E (A)	Company (B)	% (C)	Total (D) = (B) * (C)		Jurisdiction (F) = (D) + (E)
<u>OTHER PLANT</u>								
39	301	Organization	\$ -	\$ -	100%	\$ -		\$ -
40	303	Intangible Software	\$ 76,412,482	\$ 58,507,700	100%	\$ 58,507,700		\$ 58,507,700
41	303	Intangible FAS 109 Transmission	\$ 2,023,278	\$ 697,049	100%	\$ 697,049		\$ 697,049
42	303	Intangible FAS 109 Distribution	\$ 1,593,443	\$ 1,556,361	100%	\$ 1,556,361		\$ 1,556,361
43	303	Intangible FAS 109 General	\$ 199,091	\$ 184,026	100%	\$ 184,026		\$ 184,026
44		Total Other Plant	\$ 80,228,294	\$ 60,945,136		\$ 60,945,136	\$ -	\$ 60,945,136
45		Removal Work in Progress (RWIP)		\$ (15,773,098)	100%	\$ (15,773,098)		\$ (15,773,098)
46		Company Total Plant (Reserve)	<u>\$ 2,422,212,926</u>	<u>\$ 1,257,850,081</u>	100%	<u>\$ 1,257,850,081</u>	<u>\$ -</u>	<u>\$ 1,257,850,081</u>
47		Service Company Reserve Allocated*						\$ 55,074,996
48		Grand Total Plant (Reserve) (46 + 47)						<u>\$ 1,312,925,076</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. 11/30/2016*	\$ 455,368,309	\$ 550,448,335	\$ 143,161,069	\$ 73,370,524
(2) Service Company Allocated ADIT**	\$ 10,425,951	\$ 12,634,404	\$ 5,561,486	
(3) Grand Total ADIT Balance***	<u>\$ 465,794,260</u>	<u>\$ 563,082,739</u>	<u>\$ 148,722,555</u>	

\*Source: Estimated 11/30/2016 ADIT balances from the forecast as of September 2016.

\*\* 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 November 30, 2016

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 Sch. B-2.1 (Estimate)	Reserve Balance Sch. B-3 (Estimate)		
(A)	(B)	(C)	(D)	(E)	(F)	(G=DxF)
<u>TRANSMISSION PLANT</u>						
1	350	Land & Land Rights	\$ 8,366,849	\$ 12,389	0.00%	\$ -
2	352	Structures & Improvements	\$ 11,925,964	\$ 8,104,172	2.06%	\$ 245,675
3	353	Station Equipment	\$ 110,897,031	\$ 58,465,576	2.20%	\$ 2,439,735
4	354	Towers & Fixtures	\$ 276,919	\$ 302,866	1.82%	\$ 5,040
5	355	Poles & Fixtures	\$ 26,872,867	\$ 22,612,372	2.98%	\$ 800,811
6	356	Overhead Conductors & Devices	\$ 37,672,643	\$ 20,556,031	2.55%	\$ 960,652
7	357	Underground Conduit	\$ 1,540,142	\$ 919,476	1.67%	\$ 25,720
8	358	Underground Conductors & Devices	\$ 16,493,304	\$ 5,307,150	2.00%	\$ 329,866
9	359	Roads & Trails	\$ 34,404	\$ 589	0.00%	\$ -
10		Total Transmission	\$ 214,080,122	\$ 116,280,621		\$ 4,807,499

Ohio Edison Company: 16-1820-EL-RDR  
Annual Depreciation Expense on Estimated Plant Balances as of November 30, 2016

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 (C)	Adjusted Jurisdiction		Current Accrual Rate (F)	Calculated Depr. Expense (G=DxF)
			Plant	Reserve		
			Investment	Balance		
			Sch. B-2.1 (Estimate)	Sch. B-3 (Estimate)		
(A)	(B)	(C)	(D)	(E)	(F)	(G=DxF)
<u>DISTRIBUTION PLANT</u>						
11	360	Land & Land Rights	\$ 12,670,597	\$ 430	0.00%	\$ -
12	361	Structures & Improvements	\$ 15,802,513	\$ 5,814,135	2.45%	\$ 387,162
13	362	Station Equipment	\$ 261,025,658	\$ 103,632,179	2.55%	\$ 6,656,154
14	364	Poles, Towers & Fixtures	\$ 495,418,573	\$ 236,052,360	2.93%	\$ 14,515,764
15	365	Overhead Conductors & Devices	\$ 727,701,412	\$ 181,340,523	2.70%	\$ 19,647,938
16	366	Underground Conduit	\$ 66,879,770	\$ 25,207,291	1.50%	\$ 1,003,197
17	367	Underground Conductors & Devices	\$ 312,936,682	\$ 78,282,863	2.07%	\$ 6,477,789
18	368	Line Transformers	\$ 490,960,459	\$ 217,390,966	3.50%	\$ 17,183,616
19	369	Services	\$ 131,897,318	\$ 85,518,959	3.13%	\$ 4,128,386
20	370	Meters	\$ 152,860,835	\$ 37,109,399	3.24%	\$ 4,952,691
21	371	Installation on Customer Premises	\$ 24,388,183	\$ 14,871,745	4.44%	\$ 1,082,835
22	373	Street Lighting & Signal Systems	\$ 74,428,777	\$ 37,214,624	4.20%	\$ 3,126,009
23	374	Asset Retirement Costs for Distribution Plant	\$ 22,272	\$ 13,793	0.00%	\$ -
24		Total Distribution	\$ 2,766,993,050	\$ 1,022,449,267		\$ 79,161,541



Ohio Edison Company: 16-1820-EL-RDR  
Annual Depreciation Expense on Estimated Plant Balances as of November 30, 2016

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 (F)	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>GENERAL PLANT</u>						
25	389	Land & Land Rights	\$ 3,257,286	\$ (74,752)	0.00%	\$ -
26	390	Structures & Improvements	\$ 95,913,664	\$ 37,597,597	2.50%	\$ 2,397,842
27	390.3	Leasehold Improvements	\$ 108,959	\$ 108,959	20.78%	\$ 22,642
28	391.1	Office Furniture & Equipment	\$ 6,653,672	\$ 5,612,093	3.80%	\$ 252,840
29	391.2	Data Processing Equipment	\$ 9,214,300	\$ 2,392,359	17.00%	\$ 1,566,431
30	392	Transportation Equipment	\$ 2,224,158	\$ 218,894	7.31%	\$ 162,586
31	393	Stores Equipment	\$ 1,265,913	\$ 796,013	2.56%	\$ 32,407
32	394	Tools, Shop & Garage Equipment	\$ 15,820,589	\$ 2,732,646	3.17%	\$ 501,513
33	395	Laboratory Equipment	\$ 5,373,033	\$ 2,845,936	3.80%	\$ 204,175
34	396	Power Operated Equipment	\$ 3,951,549	\$ 3,405,860	3.48%	\$ 137,514
35	397	Communication Equipment	\$ 34,325,508	\$ 17,746,498	5.00%	\$ 1,716,275
36	398	Miscellaneous Equipment	\$ 413,561	\$ 374,104	4.00%	\$ 16,542
37	399.1	Asset Retirement Costs for General Plant	\$ 303,410	\$ 191,947	0.00%	\$ -
38		Total General	\$ 178,825,600	\$ 73,948,155		\$ 7,010,767

Ohio Edison Company: 16-1820-EL-RDR  
Annual Depreciation Expense on Estimated Plant Balances as of November 30, 2016

Schedule B-3.2 (Estimate)  
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	Reserve Balance		
(A)	(B)	(C)	Sch. B-2.1 (Estimate)	Sch. B-3 (Estimate)	(F)	(G=DxF)
<u>OTHER PLANT</u>						
39	301	Organization	\$ -	\$ -	0.00%	*
40	303	Intangible Software	\$ 76,412,482	\$ 58,507,700	14.29%	*
41	303	Intangible FAS 109 Transmission	\$ 2,023,278	\$ 697,049	2.33%	*
42	303	Intangible FAS 109 Distribution	\$ 1,593,443	\$ 1,556,361	2.89%	*
43	303	Intangible FAS 109 General	\$ 199,091	\$ 184,026	3.87%	*
44		Total Other	\$ 80,228,294	\$ 60,945,136		\$ 4,624,524
45		Removal Work in Progress (RWIP)		(15,773,098)		
46		Total Company Depreciation	<u>\$ 3,240,127,066</u>	<u>\$ 1,257,850,081</u>		<u>\$ 95,604,331</u>
47		Incremental Depreciation Associated with Allocated Service Company Plant **	\$ 114,105,440	\$ 55,074,996		\$ 5,380,857
48		GRAND TOTAL (46 + 47)	<u>\$ 3,354,232,506</u>	<u>\$ 1,312,925,076</u>		<u>\$ 100,985,188</u>

\* Please see the "Intangible Depreciation Expense Calculation: Estimated 11/30/2016 Balances" worksheet 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)" worksheet.

Ohio Edison Company: 16-1820-EL-RDR

Annual Property Tax Expense on Estimated Plant Balances as of November 30, 2016

Schedule C-3.10a (Estimate)

Page 1 of 1

Line No.	Description	Jurisdictional Amount
1	Personal Property Taxes - See Schedule C-3.10a1 (Estimate)	\$ 87,510,368
2	Real Property Taxes - See Schedule C-3.10a2 (Estimate)	\$ 1,489,513
3	Incremental Property Tax Associated with Allocated Service Company Plant *	<u>\$ 65,659</u>
4	Total Property Taxes (1 + 2 + 3)	<u><u>\$ 89,065,540</u></u>

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

## Ohio Edison Company: 16-1820-EL-RDR

## Annual Personal Property Tax Expense on Estimated Plant Balances as of November 30, 2016

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)	\$ 214,080,122	\$ 2,766,993,050	\$ 178,825,600
2	Jurisdictional Real Property (b)	\$ 20,292,814	\$ 28,473,110	\$ 99,279,909
3	Jurisdictional Personal Property (1 - 2)	\$ 193,787,309	\$ 2,738,519,940	\$ 79,545,691
	<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)	\$ 13,627,124	\$ 113,264,637.00	\$ -
9	Total Exclusions and Exemptions (4 thru 8)	\$ 14,202,562	\$ 295,738,166	\$ 4,192,414
10	Net Cost of Taxable Personal Property (3 - 9)	\$ 179,584,747	\$ 2,442,781,773	\$ 75,353,278
11	True Value Percentage (c)	36.7014%	46.2442%	40.0657%
12	True Value of Taxable Personal Property (10 x 11)	\$ 65,910,116	\$ 1,129,644,889	\$ 30,190,818
13	Assessment Percentage (d)	85.00%	85.00%	24.00%
14	Assessment Value (12 x 13)	\$ 56,023,599	\$ 960,198,156	\$ 7,245,796
15	Personal Property Tax Rate (e)	8.4914150%	8.4914150%	8.4914150%
16	Personal Property Tax (14 x 15)	\$ 4,757,196	\$ 81,534,410	\$ 615,271
17	State Mandated Software Adjustment (c)	\$ -	\$ -	\$ 603,491
18	Total Personal Property Tax (16 + 17)			<u>\$ 87,510,368</u>

(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 November 30, 2016

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)	\$ 20,292,814	\$ 28,473,110	\$ 99,279,909
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)	\$ 204,169	\$ 286,473	\$ 998,871
4	Total Real Property Tax (Sum of 3)			<u>1,489,513</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  
 Estimated 11/30/2016 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	\$ 86,973,963	\$ 15,628,312
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 September 2016, 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	\$ (1,800,527)	\$ 2,616
362	\$ 5,123,211	\$ 1,172,710
364	\$ 171,604	\$ 69,695
365	\$ 1,559,213	\$ 840,174
367	\$ 11,080	\$ 1,993
368	\$ 205,810	\$ 80,606
370	\$ 16,433,691	\$ 5,362,260
397	\$ 4,788,506	\$ 1,479,352
Grand Total	\$ 26,492,588	\$ 9,009,407

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	\$ (12,223)	\$ (265)
356	\$ (919)	\$ (72)
358	\$ 14,893	\$ (1,852)
360	\$ 9,234	\$ -
362	\$ (29,029)	\$ 599
364	\$ (1,389)	\$ 86
365	\$ (16,954)	\$ 28
366	\$ (0)	\$ 1,976
367	\$ (29,559)	\$ 3,975
368	\$ (29,566)	\$ (43)
369	\$ (796)	\$ 12
370	\$ (8,058)	\$ (30)
371	\$ 0	\$ 1
373	\$ 36	\$ 0
390	\$ 0	\$ 123
Grand Total	\$ (104,330)	\$ 4,539

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	\$ 662,633,218	\$ 94,160,180	\$ 114,105,440	\$ 50,227,598	\$ 258,493,218
(3) Reserve	\$ 319,831,566	\$ 45,448,065	\$ 55,074,996	\$ 24,243,233	\$ 124,766,294
(4) ADIT	\$ 73,370,524	\$ 10,425,951	\$ 12,634,404	\$ 5,561,486	\$ 28,621,841
(5) <b>Rate Base</b>	<b>\$ 38,286,163</b>	<b>\$ 46,396,040</b>	<b>\$ 20,422,879</b>	<b>\$ 105,105,083</b>	
(6) Depreciation Expense (Incremental)	\$ 4,440,301	\$ 5,380,857	\$ 2,368,577	\$ 12,189,735	
(7) Property Tax Expense (Incremental)	\$ 54,182	\$ 65,659	\$ 28,902	\$ 148,744	
(8) <b>Total Expenses</b>	<b>\$ 4,494,483</b>	<b>\$ 5,446,516</b>	<b>\$ 2,397,479</b>	<b>\$ 12,338,479</b>	

- (2) Estimated Gross Plant = 11/30/2016 General and Intangible Plant Balances in the forecast as of September 2016 adjusted to reflect current assumptions and incorporate recommendations from the March 2013, April 2014, April 2015, and April 2016 Rider DCR audit reports
- (3) Estimated Reserve = 11/30/2016 General and Intangible Reserve Balances in the forecast as of September 2016 adjusted to reflect current assumptions and incorporate recommendations from the March 2013, April 2014, April 2015, and April 2016 Rider DCR audit reports
- (4) ADIT: Estimated ADIT Balances as of 11/30/2016
- (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 11/30/2016 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 11/30/2016 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 11/30/2016: Revenue Requirement" workpaper.

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

**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			(F) Accrual Rates				(J) Depreciation Expense
			(C) Gross	(D) Reserve	(E) Net	(F) CEI	(G) OE	(H) TE	(I) 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



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

**II. Estimated Depreciation Accrual Rate for Service Company Plant as of November 30, 2016**

Line No.	(A) Account	(B) Account Description	(C) (D) (E) Estimated 11/30/2016 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 *	\$ 44,949,604	\$ 22,531,159	\$ 22,418,445	2.20%	2.50%	2.20%	2.33%	\$ 1,048,417
32	390.3	Struct Imprv, Leasehold Imp **	\$ 14,457,503	\$ 7,024,013	\$ 7,433,490	22.34%	20.78%	0.00%	21.49%	\$ 3,106,238
33	391.1	Office Furn., Mech. Equip.	\$ 16,815,123	\$ 9,942,877	\$ 6,872,246	7.60%	3.80%	3.80%	5.18%	\$ 871,731
34	391.2	Data Processing Equipment	\$ 147,434,268	\$ 34,678,104	\$ 112,756,164	10.56%	17.00%	9.50%	13.20%	\$ 19,456,622
35	392	Transportation Equipment	\$ 466,702	\$ 131,067	\$ 335,636	6.07%	7.31%	6.92%	6.78%	\$ 31,654
36	393	Stores Equipment	\$ 16,715	\$ 6,826	\$ 9,888	6.67%	2.56%	3.13%	4.17%	\$ 697
37	394	Tools, Shop, Garage Equip.	\$ 199,565	\$ 17,583	\$ 181,982	4.62%	3.17%	3.33%	3.73%	\$ 7,442
38	395	Laboratory Equipment	\$ 108,485	\$ 27,578	\$ 80,907	2.31%	3.80%	2.86%	3.07%	\$ 3,335
39	396	Power Operated Equipment	\$ 346,410	\$ 75,836	\$ 270,574	4.47%	3.48%	5.28%	4.19%	\$ 14,516
40	397	Communication Equipment ***	\$ 106,876,508	\$ 33,919,492	\$ 72,957,016	7.50%	5.00%	5.88%	6.08%	\$ 6,499,862
41	398	Misc. Equipment	\$ 3,135,869	\$ 974,967	\$ 2,160,902	6.67%	4.00%	3.33%	4.84%	\$ 151,851
42	399.1	ARC General Plant	\$ 40,721	\$ 25,761	\$ 14,960	0.00%	0.00%	0.00%	0.00%	\$ -
43			\$ 335,078,421	\$ 109,355,264	\$ 225,723,158					\$ 31,192,365
<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	\$ 7,423,747	\$ 9,321,587	\$ (1,897,840)	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	\$ 17,863,008	\$ 1,490,955	14.29%	14.29%	14.29%	14.29%	\$ 1,490,955
55	303	FECO 101/6-303 2011 Software	\$ 53,742,285	\$ 41,235,056	\$ 12,507,229	14.29%	14.29%	14.29%	14.29%	\$ 7,679,772
56	303	FECO 101/6-303 2012 Software	\$ 38,042,303	\$ 22,209,687	\$ 15,832,617	14.29%	14.29%	14.29%	14.29%	\$ 5,436,245
57	303	FECO 101/6-303 2013 Software	\$ 79,856,605	\$ 32,827,129	\$ 47,029,476	14.29%	14.29%	14.29%	14.29%	\$ 11,411,509
58	303	FECO 101/6-303 2014 Software	\$ 24,001,801	\$ 6,923,570	\$ 17,078,231	14.29%	14.29%	14.29%	14.29%	\$ 3,429,857
59	303	FECO 101/6-303 2015 Software	\$ 26,987,598	\$ 4,110,828	\$ 22,876,769	14.29%	14.29%	14.29%	14.29%	\$ 3,856,528
60	303	FECO 101/6-303 2016 Software	\$ 2,367,162	\$ 216,315	\$ 2,150,847	14.29%	14.29%	14.29%	14.29%	\$ 338,267
61			\$ 327,554,796	\$ 210,486,512	\$ 117,068,285					\$ 33,643,134
62	Removal Work in Progress (RWIP)		\$ (10,210)							
63	<b>TOTAL - GENERAL &amp; INTANGIBLE</b>		\$ 662,633,218	\$ 319,831,566	\$ 342,791,442					<b>9.78% \$ 64,835,500</b>

**NOTES**

(C) - (E) Estimated 11/30/2016 balances. Source: The forecast as of September 2016 adjusted to reflect current assumptions and incorporate recommendations from the March 2013, April 2014, April 2015, and April 2016 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 11/30/2016. 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)"
2	Weighted Allocation Factors	36.43%	44.14%	19.43%	100.00%	workpaper 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
* 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.						

<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 November 30, 2016 *						
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	1.69%	1.01%	1.53%	1.36%	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 November 30, 2016						
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	1.36%	\$ 230,947	\$ 3,139
28	390	Structures, Improvements	Real	1.36%	\$ 44,949,604	\$ 610,883
29	390.3	Struct Imprv, Leasehold Imp	Real	1.36%	\$ 14,457,503	\$ 196,483
30	391.1	Office Furn., Mech. Equip.	Personal		\$ 16,815,123	\$ -
31	391.2	Data Processing Equipment	Personal		\$ 147,434,268	\$ -
32	392	Transportation Equipment	Personal		\$ 466,702	\$ -
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		\$ 346,410	\$ -
37	397	Communication Equipment	Personal		\$ 106,876,508	\$ -
38	398	Misc. Equipment	Personal		\$ 3,135,869	\$ -
39	399.1	ARC General Plant	Personal		\$ 40,721	\$ -
40	<b>TOTAL - GENERAL PLANT</b>				\$ 335,078,421	\$ 810,505
41	<b>TOTAL - INTANGIBLE PLANT</b>				\$ 327,554,796	\$ -
42	<b>TOTAL - GENERAL &amp; INTANGIBLE PLANT</b>				\$ 662,633,218	\$ 810,505
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 11/30/2016. Source: The forecast as of September 2016 adjusted to reflect current assumptions and incorporate recommendations from the March 2013, April 2014, April 2015, and April 2016 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 11/30/2016 Balances**

<b>I. Estimated Allocated Service Company Plant and Related Expenses as of November 30, 2016</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	\$ 662,633,218	\$ 94,160,180	\$ 114,105,440	\$ 50,227,598	\$ 258,493,218	"Depreciation Rate for Service Company Plant (Estimate)" workpaper, Line 63 x Line 1
3	Accum. Reserve	\$ (319,831,566)	\$ (45,448,065)	\$ (55,074,996)	\$ (24,243,233)	\$ (124,766,294)	"Depreciation Rate for Service Company Plant (Estimate)" workpaper, Line 63 x Line 1
4	Net Plant	<u>\$ 342,801,652</u>	<u>\$ 48,712,115</u>	<u>\$ 59,030,444</u>	<u>\$ 25,984,365</u>	<u>\$ 133,726,924</u>	Line 2 + Line 3
5	Depreciation *	9.78%	\$ 9,213,125	\$ 11,164,673	\$ 4,914,531	\$ 25,292,329	Average Rate x Line 2
6	Property Tax *	0.12%	\$ 115,173	\$ 139,569	\$ 61,436	\$ 316,178	Average Rate x Line 2
7	Total Expenses		<u>\$ 9,328,297</u>	<u>\$ 11,304,242</u>	<u>\$ 4,975,967</u>	<u>\$ 25,608,507</u>	
<p>* Effective Depreciation and Property Tax rates based on weighted averages across companies over General and Intangible plant, as of 11/30/2016.  See line 63 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>II. Estimated 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 (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		<u>\$ 4,833,814</u>	<u>\$ 5,857,726</u>	<u>\$ 2,578,488</u>	<u>\$ 13,270,028</u>	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>III. Estimated Incremental Expenses Associated with Allocated Service Company Plant *</b>							
Line	Rate Base	Service Co.	CEI	OE	TE	TOTAL	Source / Notes
15	Depreciation	-0.90%	\$ 4,440,301	\$ 5,380,857	\$ 2,368,577	\$ 12,189,735	Line 5 - Line 12
16	Property Tax	-0.01%	\$ 54,182	\$ 65,659	\$ 28,902	\$ 148,744	Line 6 - Line 13
17	Total Expenses		<u>\$ 4,494,483</u>	<u>\$ 5,446,516</u>	<u>\$ 2,397,479</u>	<u>\$ 12,338,479</u>	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 November 30, 2016. The incremental expenses calculated on Line 17 above are added to the Rider DCR revenue requirements.</p>							

**Intangible Depreciation Expense Calculation**  
**Estimated 11/30/2016 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 Nov-16 (D)	Reserve Nov-16 (E)	Net Plant Nov-16 (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	\$ 1,219,862	\$ 1,219,862	\$ -	14.29%	\$ -
CECO The Illuminating Co.	CECO 101/6-303 2006 Software	Intangible Plant	\$ 1,808,778	\$ 1,808,778	\$ -	14.29%	\$ -
CECO The Illuminating Co.	CECO 101/6-303 2007 Software	Intangible Plant	\$ 5,870,456	\$ 5,870,456	\$ -	14.29%	\$ -
CECO The Illuminating Co.	CECO 101/6-303 2008 Software	Intangible Plant	\$ 1,068,042	\$ 1,068,042	\$ -	14.29%	\$ -
CECO The Illuminating Co.	CECO 101/6-303 2009 Software	Intangible Plant	\$ 3,242,050	\$ 3,242,050	\$ -	14.29%	\$ -
CECO The Illuminating Co.	CECO 101/6-303 2010 Software	Intangible Plant	\$ 2,803,986	\$ 2,576,282	\$ 227,703	14.29%	\$ 227,703
CECO The Illuminating Co.	CECO 101/6-303 2011 Software	Intangible Plant	\$ 5,812,975	\$ 4,507,295	\$ 1,305,679	14.29%	\$ 830,674
CECO The Illuminating Co.	CECO 101/6-303 2012 Software	Intangible Plant	\$ 761,398	\$ 422,090	\$ 339,308	14.29%	\$ 108,804
CECO The Illuminating Co.	CECO 101/6-303 2013 Software	Intangible Plant	\$ 2,212,656	\$ 1,083,377	\$ 1,129,279	14.29%	\$ 316,189
CECO The Illuminating Co.	CECO 101/6-303 2014 Software	Intangible Plant	\$ 3,404,899	\$ 873,777	\$ 2,531,122	14.29%	\$ 486,560
CECO The Illuminating Co.	CECO 101/6-303 2015 Software	Intangible Plant	\$ 1,732,172	\$ 260,751	\$ 1,471,421	14.29%	\$ 247,527
CECO The Illuminating Co.	CECO 101/6-303 2016 Software	Intangible Plant	\$ 838,448	\$ 52,597	\$ 785,851	14.29%	\$ 119,814
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	\$ 1,093,244	\$ 83,095	2.15%	\$ 25,291
CECO The Illuminating Co.	CECO 101/6-303 Software	Intangible Plant	\$ 2,267,196	\$ 964,332	\$ 1,302,864	14.29%	\$ 323,982
CECO The Illuminating Co.	CECO 101/6-303 Software Evolution	Intangible Plant	\$ 12,454,403	\$ 12,454,403	\$ -	14.29%	\$ -
<b>Total</b>			<b>\$ 56,544,978</b>	<b>\$ 47,368,656</b>	<b>\$ 9,176,322</b>		<b>\$ 2,686,545</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	\$ 3,049,769	\$ 243,732	14.29%	\$ 243,732
OECO Ohio Edison Co.	OECO 101/6-303 2011 Software	Intangible Plant	\$ 8,201,370	\$ 6,243,874	\$ 1,957,496	14.29%	\$ 1,171,976
OECO Ohio Edison Co.	OECO 101/6-303 2012 Software	Intangible Plant	\$ 963,533	\$ 595,040	\$ 368,493	14.29%	\$ 137,689
OECO Ohio Edison Co.	OECO 101/6-303 2013 Software	Intangible Plant	\$ 5,934,560	\$ 2,434,421	\$ 3,500,139	14.29%	\$ 848,049
OECO Ohio Edison Co.	OECO 101/6-303 2014 Software	Intangible Plant	\$ 5,606,085	\$ 1,528,400	\$ 4,077,685	14.29%	\$ 801,109
OECO Ohio Edison Co.	OECO 101/6-303 2015 Software	Intangible Plant	\$ 2,417,783	\$ 269,766	\$ 2,148,018	14.29%	\$ 345,501
OECO Ohio Edison Co.	OECO 101/6-303 2016 Software	Intangible Plant	\$ 1,714,825	\$ 1	\$ 1,714,824	14.29%	\$ 245,048
OECO Ohio Edison Co.	OECO 101/6-303 FAS109 Dist Land	Intangible Plant	\$ 37,082	\$ -	\$ 37,082	2.89%	\$ 1,072
OECO Ohio Edison Co.	OECO 101/6-303 FAS109 Distribution	Intangible Plant	\$ 1,556,361	\$ 1,556,361	\$ -	2.89%	\$ -
OECO Ohio Edison Co.	OECO 101/6-303 FAS109 General Lan	Intangible Plant	\$ 7,778	\$ -	\$ 7,778	3.87%	\$ 301
OECO Ohio Edison Co.	OECO 101/6-303 FAS109 General Plt	Intangible Plant	\$ 191,313	\$ 184,026	\$ 7,287	3.87%	\$ 7,287
OECO Ohio Edison Co.	OECO 101/6-303 FAS109 Trans Land	Intangible Plant	\$ 1,326,229	\$ -	\$ 1,326,229	2.33%	\$ 30,901
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	\$ 5,541,344	\$ 1,646,949	\$ 3,894,395	14.29%	\$ 791,858
<b>Total</b>			<b>\$ 80,228,294</b>	<b>\$ 60,945,136</b>	<b>\$ 19,283,158</b>		<b>\$ 4,624,524</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	\$ 1,343,156	\$ 113,476	14.29%	\$ 113,476
TECO Toledo Edison Co.	TECO 101/6-303 2011 Software	Intangible Plant	\$ 2,259,874	\$ 1,749,765	\$ 510,109	14.29%	\$ 322,936
TECO Toledo Edison Co.	TECO 101/6-303 2012 Software	Intangible Plant	\$ 554,860	\$ 296,216	\$ 258,644	14.29%	\$ 79,289
TECO Toledo Edison Co.	TECO 101/6-303 2013 Software	Intangible Plant	\$ 1,587,383	\$ 614,309	\$ 973,074	14.29%	\$ 226,837
TECO Toledo Edison Co.	TECO 101/6-303 2014 Software	Intangible Plant	\$ 2,002,109	\$ 614,768	\$ 1,387,340	14.29%	\$ 286,101
TECO Toledo Edison Co.	TECO 101/6-303 2015 Software	Intangible Plant	\$ 678,393	\$ 102,172	\$ 576,221	14.29%	\$ 96,942
TECO Toledo Edison Co.	TECO 101/6-303 2016 Software	Intangible Plant	\$ 581,819	\$ 46,534	\$ 535,285	14.29%	\$ 83,142
TECO Toledo Edison Co.	TECO 101/6-303 FAS109 Distribution	Intangible Plant	\$ 240,093	\$ 240,091	\$ 2	3.10%	\$ 2
TECO Toledo Edison Co.	TECO 101/6-303 FAS109 Transmission	Intangible Plant	\$ 54,210	\$ 50,602	\$ 3,608	2.37%	\$ 1,285
TECO Toledo Edison Co.	TECO 101/6-303 Software	Intangible Plant	\$ 769,062	\$ 294,846	\$ 474,216	14.29%	\$ 109,899
<b>Total</b>			<b>\$ 27,407,552</b>	<b>\$ 22,575,577</b>	<b>\$ 4,831,974</b>		<b>\$ 1,319,910</b>

**NOTES**

(D) - (F) Source: The forecast as of September 2016 adjusted to reflect current assumptions and incorporate recommendations from the March 2013, April 2014, April 2015, and April 2016 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 December 2016 - February 2017 Rider DCR Rates

	(A)	(B)
	Company	Rev Req 11/30/2016
(1)	CEI	\$ 108,889,478
(2)	OE	\$ 116,896,392
(3)	TE	\$ 28,823,706
(4)	TOTAL	\$ 254,609,576

NOTES

(B) Annual Revenue Requirement based on estimated 11/30/2016 Rate Base

II. Quarterly Revenue Requirement Additions

	(A)	(B)	(C)	(D)
	Description	CEI	OE	TE
(1)	DCR Audit Expense Recovery	\$ 9,117.91	\$ 9,117.92	\$ 9,117.92
(2)	September - November 2016 Reconciliation Amount Adjusted for December 2016 - February 2017	\$ 53,152	\$ (2,958,505)	\$ (132,706)
(3)	Total Reconciliation	\$ 62,270	\$ (2,949,387)	\$ (123,588)

SOURCES

- Line 1: Source: Remaining DCR Audit Expenses to be recovered during December 2016 - February 2017.  
Line 2: Source: "Quarterly Revenue Requirement Additions: Calculation of September - November 2016 Reconciliation Amount Adjusted for December 2016 - February 2017" workpaper, Section III, Col. G  
Line 3: Calculation: Line 1 + Line 2

**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	5,381,139,444	33.64%	\$ 36,628,150	\$ 20,946
(2)		GS, GP, GSU	10,616,104,859	66.36%	\$ 72,261,328	\$ 41,324
(3)			15,997,244,303	100.00%	\$ 108,889,478	\$ 62,270
(4)	OE	RS	8,989,802,021	48.30%	\$ 56,460,685	\$ (1,424,547)
(5)		GS, GP, GSU	9,622,714,118	51.70%	\$ 60,435,706	\$ (1,524,840)
(6)			18,612,516,139	100.00%	\$ 116,896,392	\$ (2,949,387)
(7)	TE	RS	2,476,166,502	44.28%	\$ 12,764,302	\$ (54,730)
(8)		GS, GP, GSU	3,115,388,446	55.72%	\$ 16,059,404	\$ (68,858)
(9)			5,591,554,948	100.00%	\$ 28,823,706	\$ (123,588)
(10)	OH	RS	16,847,107,967	41.91%	\$ 105,853,137	\$ (1,458,330)
(11)	TOTAL	GS, GP, GSU	23,354,207,423	58.09%	\$ 148,756,438	\$ (1,552,374)
(12)			40,201,315,390	100.00%	\$ 254,609,576	\$ (3,010,705)

**NOTES**

- (C) Source: Forecast for December 2016 through November 2017 (All forecasted numbers associated with the forecast as of September 2016)  
(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) Company	(B) Rate Schedule	(C) Stipulation Allocation			(F) Annual Rev Req Allocations	(G) 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%	\$ 65,048,490	\$ 37,199
(3)		GP	0.63%	1.19%	1.33%	\$ 963,928	\$ 551
(4)		GSU	4.06%	7.74%	8.65%	\$ 6,248,910	\$ 3,574
(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%	\$ 72,261,328	\$ 41,324
(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%	\$ 49,407,981	\$ (1,246,602)
(13)		GP	5.20%	13.85%	15.69%	\$ 9,481,959	\$ (239,237)
(14)		GSU	0.85%	2.26%	2.56%	\$ 1,545,767	\$ (39,001)
(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%	\$ 60,435,706	\$ (1,524,840)
(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%	\$ 13,929,888	\$ (59,727)
(23)		GP	4.80%	11.42%	12.97%	\$ 2,083,405	\$ (8,933)
(24)		GSU	0.11%	0.25%	0.29%	\$ 46,112	\$ (198)
(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%	\$ 16,059,404	\$ (68,858)
(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	\$ 36,628,150	5,381,139,444	\$ 0.006807
(2)	OE	RS	\$ 56,460,685	8,989,802,021	\$ 0.006281
(3)	TE	RS	\$ 12,764,302	2,476,166,502	\$ 0.005155
(4)			\$ 105,853,137	16,847,107,967	

**NOTES**

- (C) Source: Section III, Column E.  
(D) Source: Forecast for December 2016 through November 2017 (All forecasted numbers associated with the forecast as of September 2016).  
(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	\$ 65,048,490	21,537,032	\$ 3.0203 per kW
(2)		GP	\$ 963,928	903,283	\$ 1.0671 per kW
(3)		GSU	\$ 6,248,910	8,397,357	\$ 0.7442 per kW
(4)			\$ 72,261,328		
(5)	OE	GS	\$ 49,407,981	23,798,014	\$ 2.0761 per kW
(6)		GP	\$ 9,481,959	6,096,011	\$ 1.5554 per kW
(7)		GSU	\$ 1,545,767	2,342,549	\$ 0.6599 per kVa
(8)			\$ 60,435,706		
(9)	TE	GS	\$ 13,929,888	7,390,556	\$ 1.8848 per kW
(10)		GP	\$ 2,083,405	2,762,620	\$ 0.7541 per kW
(11)		GSU	\$ 46,112	228,871	\$ 0.2015 per kVa
(12)			\$ 16,059,404		

**NOTES**

- (C) Source: Section IV, Column F.  
(D) Source: Forecast for December 2016 through November 2017 (All forecasted numbers associated with the forecast as of September 2016).  
(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	\$ 20,946	1,517,484,787	\$ 0.000014
(2)	OE	RS	\$ (1,424,547)	2,669,430,704	\$ (0.000534)
(3)	TE	RS	\$ (54,730)	693,241,402	\$ (0.000079)
(4)			\$ (1,458,330)	4,880,156,893	

**NOTES**

- (C) Source: Section III, Column F.  
(D) Source: Forecast for December 2016 through February 2017 (All forecasted numbers associated with the forecast as of September 2016).  
(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	\$ 37,199	5,099,617	\$ 0.0073 per kW
(2)		GP	\$ 551	220,714	\$ 0.0025 per kW
(3)		GSU	\$ 3,574	2,029,961	\$ 0.0018 per kW
(4)			\$ 41,324		
(5)	OE	GS	\$ (1,246,602)	5,652,369	\$ (0.2205) per kW
(6)		GP	\$ (239,237)	1,416,492	\$ (0.1689) per kW
(7)		GSU	\$ (39,001)	565,581	\$ (0.0690) per kVa
(8)			\$ (1,524,840)		
(9)	TE	GS	\$ (59,727)	1,762,379	\$ (0.0339) per kW
(10)		GP	\$ (8,933)	615,921	\$ (0.0145) per kW
(11)		GSU	\$ (198)	55,411	\$ (0.0036) per kVa
(12)			\$ (68,858)		

**NOTES**

- (C) Source: Section IV, Column G.  
(D) Source: Forecast for December 2016 through February 2017 (All forecasted numbers associated with the forecast as of September 2016).  
(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 December 2016 - February 2017
(1)	CEI	RS	\$ 0.006807 per kWh	\$ 0.000014 per kWh	\$ 0.004447 per kWh
(2)		GS	\$ 3.0203 per kW	\$ 0.0073 per kW	\$ 1.9740 per kW
(3)		GP	\$ 1.0671 per kW	\$ 0.0025 per kW	\$ 0.6974 per kW
(4)		GSU	\$ 0.7442 per kW	\$ 0.0018 per kW	\$ 0.4863 per kW
(5)					
(6)	OE	RS	\$ 0.006281 per kWh	\$ (0.000534) per kWh	\$ 0.003747 per kWh
(7)		GS	\$ 2.0761 per kW	\$ (0.2205) per kW	\$ 1.2099 per kW
(8)		GP	\$ 1.5554 per kW	\$ (0.1689) per kW	\$ 0.9040 per kW
(9)		GSU	\$ 0.6599 per kVa	\$ (0.0690) per kVa	\$ 0.3853 per kVa
(10)					
(11)	TE	RS	\$ 0.005155 per kWh	\$ (0.000079) per kWh	\$ 0.003310 per kWh
(12)		GS	\$ 1.8848 per kW	\$ (0.0339) per kW	\$ 1.2068 per kW
(13)		GP	\$ 0.7541 per kW	\$ (0.0145) per kW	\$ 0.4823 per kW
(14)		GSU	\$ 0.2015 per kVa	\$ (0.0036) per kVa	\$ 0.1290 per kVa
(15)					

**NOTES**

- (C) Source: Sections V and VI, Column E  
(D) Source: Sections VII and VIII, Column E  
(E) Calculation: Column C + Column D. Rates for CEI, OE, and TE adjusted such that the estimated 2016 Rider DCR revenue equals the annual aggregate revenue cap.

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

X. Annual Rider DCR Revenue Through August 31, 2016

	(A)	(B)	(C)	(D)	(E)	(F)
Company	Annual Revenue Thru 8/31/2016	2015 Revenue vs. Revenue Cap	2016 Revenue Cap	Actual 2016 Revenue Cap	Under (Over) 2016 Revenue Cap	
CEI	\$ 60,740,727			\$ 155,374,944	\$ 94,634,217	
OE	\$ 66,210,892			\$ 110,982,103	\$ 44,771,210	
TE	\$ 15,535,919			\$ 66,589,262	\$ 51,053,342	
Total	\$ 142,487,538	\$ (5,535,795)	\$ 227,500,000	\$ 221,964,205	\$ 79,476,667	

**NOTES**

- (C) The actual annual 2015 Rider DCR revenue cap was equal to \$201,542,263. Actual annual 2015 Rider DCR revenue billed was equal to \$207,078,057. 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 the Application in Case No. 14-1297-EL-SSO (Page 13).  
(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 2015 - May 2016 cap of \$210M plus the equivalent of 7 months of the June 2016 - May 2017 cap of \$240M.  
(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 the Application in Case No. 14-1297-EL-SSO (Page 13).  
(F) Calculation: Column E - Column B

**Quarterly Revenue Requirement Additions: Calculation of September - November 2016 Reconciliation Amount Adjusted for December 2016 - February 2017**

**I. Rider DCR September - November 2016 Rates Based on Estimated 8/31/2016 Rate Base**

(A) Company	(B) Rate Schedule	(C) Allocation	(D) Annual Revenue Requirements			(E) Quarterly Reconciliation			(J) September - November 2016 Rate Estimated Rate Base
			Rev. Req	Billing Units	Rate	Rev. Req	Billing Units	Rate	
CEI	RS	31.54%	\$ 33,509,109	5,343,413,854	\$ 0.006271 per kWh	\$ (30,999)	1,169,157,862	\$ (0.000027) per kWh	\$ 0.006245 per kWh
	GS	61.62%	\$ 65,466,582	21,489,729	\$ 3.0464 per kW	\$ (60,562)	5,463,956	\$ (0.0111) per kW	\$ 3.0353 per kW
	GP	0.91%	\$ 970,123	900,436	\$ 1.0774 per kW	\$ (897)	231,514	\$ (0.0039) per kW	\$ 1.0735 per kW
	GSU	5.92%	\$ 6,289,074	8,371,258	\$ 0.7513 per kW	\$ (5,818)	2,120,872	\$ (0.0027) per kW	\$ 0.7485 per kW
		100.00%	\$ 106,234,888			\$ (98,276)			
OE	RS	46.44%	\$ 56,116,998	8,890,092,777	\$ 0.006312 per kWh	\$ (415,990)	1,939,313,801	\$ (0.000215) per kWh	\$ 0.006098 per kWh
	GS	49.80%	\$ 60,172,917	23,724,693	\$ 2.5363 per kW	\$ (446,056)	6,078,880	\$ (0.0734) per kW	\$ 2.4629 per kW
	GP	9.56%	\$ 11,547,874	6,090,817	\$ 1.8959 per kW	\$ (85,603)	1,579,181	\$ (0.0542) per kW	\$ 1.8417 per kW
	GSU	1.56%	\$ 1,882,556	2,340,589	\$ 0.8043 per kVa	\$ (13,955)	596,018	\$ (0.0234) per kVa	\$ 0.7809 per kVa
		107.36%	\$ 120,829,845			\$ (895,700)			
TE	RS	43.61%	\$ 12,422,602	2,424,199,695	\$ 0.005124 per kWh	\$ (92,143)	526,398,784	\$ (0.000175) per kWh	\$ 0.004949 per kWh
	GS	48.92%	\$ 13,934,693	7,389,804	\$ 1.8857 per kW	\$ (103,359)	1,903,086	\$ (0.0543) per kW	\$ 1.8314 per kW
	GP	7.32%	\$ 2,084,123	2,756,513	\$ 0.7561 per kW	\$ (15,459)	763,361	\$ (0.0203) per kW	\$ 0.7358 per kW
	GSU	0.16%	\$ 46,127	228,380	\$ 0.2020 per kVa	\$ (342)	61,319	\$ (0.0056) per kVa	\$ 0.1964 per kVa
		100.00%	\$ 28,487,546			\$ (211,303)			
<b>TOTAL</b>			<b>\$ 255,552,279</b>			<b>\$ (1,205,279)</b>			

**Notes:**

Source: See "Rider Charge Calculation - Rider DCR" workbook from Rider DCR filing July 1, 2016.

**Quarterly Revenue Requirement Additions: Calculation of September - November 2016 Reconciliation Amount Adjusted for December 2016 - February 2017**

**II. Rider DCR September - November 2016 Rates Based on Actual 8/31/2016 Rate Base**

(A) Company	(B) Rate Schedule	(C) Allocation	(D) (E) (F) Annual Revenue Requirements			(G) (H) (I) Quarterly Reconciliation			(J) September - November 2016 Rate Actual Rate Base
			Rev. Req	Billing Units	Rate	Rev. Req	Billing Units	Rate	
CEI	RS	31.54%	\$ 33,578,090	5,343,413,854	\$ 0.006284 per kWh	\$ (30,999)	1,169,157,862	\$ (0.000027) per kWh	\$ 0.006258 per kWh
	GS	61.62%	\$ 65,601,349	21,489,729	\$ 3.0527 per kW	\$ (60,562)	5,463,956	\$ (0.0111) per kW	\$ 3.0416 per kW
	GP	0.91%	\$ 972,120	900,436	\$ 1.0796 per kW	\$ (897)	231,514	\$ (0.0039) per kW	\$ 1.0757 per kW
	GSU	5.92%	\$ 6,302,020	8,371,258	\$ 0.7528 per kW	\$ (5,818)	2,120,872	\$ (0.0027) per kW	\$ 0.7501 per kW
		100.00%	\$ 106,453,579			\$ (98,276)			
OE	RS	46.44%	\$ 54,672,703	8,890,092,777	\$ 0.006150 per kWh	\$ (415,990)	1,939,313,801	\$ (0.000215) per kWh	\$ 0.005935 per kWh
	GS	43.78%	\$ 51,543,052	23,724,693	\$ 2.1725 per kW	\$ (392,177)	6,078,880	\$ (0.0645) per kW	\$ 2.1080 per kW
	GP	8.40%	\$ 9,891,704	6,090,817	\$ 1.6240 per kW	\$ (75,263)	1,579,181	\$ (0.0477) per kW	\$ 1.5764 per kW
	GSU	1.37%	\$ 1,612,564	2,340,589	\$ 0.6890 per kVa	\$ (12,270)	596,018	\$ (0.0206) per kVa	\$ 0.6684 per kVa
		100.00%	\$ 117,720,022			\$ (895,700)			
TE	RS	43.61%	\$ 12,182,834	2,424,199,695	\$ 0.005026 per kWh	\$ (92,143)	526,398,784	\$ (0.000175) per kWh	\$ 0.004850 per kWh
	GS	48.92%	\$ 13,665,740	7,389,804	\$ 1.8493 per kW	\$ (103,359)	1,903,086	\$ (0.0543) per kW	\$ 1.7950 per kW
	GP	7.32%	\$ 2,043,898	2,756,513	\$ 0.7415 per kW	\$ (15,459)	763,361	\$ (0.0203) per kW	\$ 0.7212 per kW
	GSU	0.16%	\$ 45,237	228,380	\$ 0.1981 per kVa	\$ (342)	61,319	\$ (0.0056) per kVa	\$ 0.1925 per kVa
		100.00%	\$ 27,937,709			\$ (211,303)			
<b>TOTAL</b>			<b>\$ 252,111,311</b>			<b>\$ (1,205,279)</b>			

- (C) Source: Rider DCR filing July 1, 2016  
(D) Calculation: Annual DCR Revenue Requirement based on actual 8/31/2016 Rate Base x Column C  
(E) Estimated billing units for September 2016 - August 2017. Source: Rider DCR filing July 1, 2016.  
(F) Calculation: Column D / Column E  
(G) Source: Rider DCR filing July 1, 2016  
(H) Estimated billing units for September - November 2016. Source: Rider DCR filing July 1, 2016.  
(I) Calculation: Column G / Column H  
(J) Calculation: Column F + Column I

**Quarterly Revenue Requirement Additions: Calculation of September - November 2016 Reconciliation Amount Adjusted for December 2016 - February 2017**

**III. Estimated Rider DCR Reconciliation Amount for December 2016 - February 2017**

(A) Company	(B) Rate Schedule	(C) September - November 2016 Rate Estimated Rate Base	(D) September - November 2016 Rate Actual Rate Base	(E) Difference	(F) Billing Units	(G) Reconciliation Amount
CEI	RS	\$ 0.006245 per kWh	\$ 0.006258 per kWh	\$ 0.000013 per kWh	1,169,157,862	\$ 15,093
	GS	\$ 3.0353 per kW	\$ 3.0416 per kW	\$ 0.0063 per kW	5,463,956	\$ 34,266
	GP	\$ 1.0735 per kW	\$ 1.0757 per kW	\$ 0.0022 per kW	231,514	\$ 513
	GSU	\$ 0.7485 per kW	\$ 0.7501 per kW	\$ 0.0015 per kW	2,120,872	\$ 3,280
						\$ 53,152
OE	RS	\$ 0.006098 per kWh	\$ 0.005935 per kWh	\$ (0.000162) per kWh	1,939,313,801	\$ (315,063)
	GS	\$ 2.462921 per kW	\$ 2.108034 per kW	\$ (0.3549) per kW	6,078,880	\$ (2,157,316)
	GP	\$ 1.841741 per kW	\$ 1.576376 per kW	\$ (0.2654) per kW	1,579,181	\$ (419,059)
	GSU	\$ 0.780895 per kVa	\$ 0.668371 per kVa	\$ (0.1125) per kVa	596,018	\$ (67,066)
						\$ (2,958,505)
TE	RS	\$ 0.004949 per kWh	\$ 0.004850 per kWh	\$ (0.000099) per kWh	526,398,784	\$ (52,064)
	GS	\$ 1.8314 per kW	\$ 1.7950 per kW	\$ (0.0364) per kW	1,903,086	\$ (69,263)
	GP	\$ 0.7358 per kW	\$ 0.7212 per kW	\$ (0.0146) per kW	763,361	\$ (11,140)
	GSU	\$ 0.1964 per kVa	\$ 0.1925 per kVa	\$ (0.0039) per kVa	61,319	\$ (239)
						\$ (132,706)
<b>TOTAL</b>						<b>\$ (3,038,058)</b>

(C) Source: Section I, Column J.

(D) Source: Section II, Column J.

(E) Calculation: Column D - Column C

(F) Estimated billing units for September - November 2016. Source: Rider DCR filing July 1, 2016.

(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 2016 forecast as of September 2016.

### **Annual Energy (December 2016 - November 2017) :**

Source: Forecast as of September 2016.

		<u>CEI</u>	<u>OE</u>	<u>TE</u>	<u>Total</u>
RS	kWh	5,381,139,444	8,989,802,021	2,476,166,502	16,847,107,967
GS	kWh	6,482,745,557	6,348,300,097	1,961,516,661	14,792,562,314
GP	kWh	459,905,809	2,407,326,779	1,036,914,830	3,904,147,418
GSU	kWh	3,673,453,493	867,087,243	116,956,955	4,657,497,691
Total		15,997,244,303	18,612,516,139	5,591,554,948	40,201,315,390

### **Annual Demand (December 2016 - November 2017):**

Source: Forecast as of September 2016.

		<u>CEI</u>	<u>OE</u>	<u>TE</u>
GS	kW	21,537,032	23,798,014	7,390,556
GP	kW	903,283	6,096,011	2,762,620
GSU	kW/kVA	8,397,357	2,342,549	228,871

### **December 2016 - February 2017 Energy:**

Source: Forecast as of September 2016.

		<u>CEI</u>	<u>OE</u>	<u>TE</u>	<u>Total</u>
RS	kWh	1,517,484,787	2,669,430,704	693,241,402	4,880,156,893
GS	kWh	1,603,353,395	1,578,924,593	472,845,933	3,655,123,920
GP	kWh	108,514,151	558,335,686	249,859,489	916,709,326
GSU	kWh	902,840,806	207,378,378	29,350,259	1,139,569,444
Total		4,132,193,139	5,014,069,361	1,445,297,083	10,591,559,583

### **December 2016 - February 2017 Demand:**

Source: Forecast as of September 2016.

		<u>CEI</u>	<u>OE</u>	<u>TE</u>
GS	kW	5,099,617	5,652,369	1,762,379
GP	kW	220,714	1,416,492	615,921
GSU	kW/kVA	2,029,961	565,581	55,411

Ohio Edison Company  
Case No. 16-1820-EL-RDR  
Typical Bills - Comparison (DCR Q1 2017 vs. DCR Q4 2016)

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	\$ 33.62	\$ 32.90	\$ (0.72)	-2.1%
2	0	500	\$ 63.00	\$ 61.56	\$ (1.44)	-2.3%
3	0	750	\$ 92.34	\$ 90.18	\$ (2.16)	-2.3%
4	0	1,000	\$ 121.67	\$ 118.80	\$ (2.87)	-2.4%
5	0	1,250	\$ 151.05	\$ 147.46	\$ (3.59)	-2.4%
6	0	1,500	\$ 180.41	\$ 176.10	\$ (4.31)	-2.4%
7	0	2,000	\$ 239.10	\$ 233.35	\$ (5.75)	-2.4%
8	0	2,500	\$ 297.59	\$ 290.41	\$ (7.19)	-2.4%
9	0	3,000	\$ 356.07	\$ 347.45	\$ (8.62)	-2.4%
10	0	3,500	\$ 414.55	\$ 404.49	\$ (10.06)	-2.4%
11	0	4,000	\$ 473.01	\$ 461.51	\$ (11.50)	-2.4%
12	0	4,500	\$ 531.49	\$ 518.56	\$ (12.93)	-2.4%
13	0	5,000	\$ 590.02	\$ 575.65	\$ (14.37)	-2.4%
14	0	5,500	\$ 648.49	\$ 632.68	\$ (15.81)	-2.4%
15	0	6,000	\$ 706.95	\$ 689.71	\$ (17.24)	-2.4%
16	0	6,500	\$ 765.43	\$ 746.75	\$ (18.68)	-2.4%
17	0	7,000	\$ 823.91	\$ 803.79	\$ (20.12)	-2.4%
18	0	7,500	\$ 882.40	\$ 860.85	\$ (21.56)	-2.4%
19	0	8,000	\$ 940.86	\$ 917.87	\$ (22.99)	-2.4%
20	0	8,500	\$ 999.34	\$ 974.91	\$ (24.43)	-2.4%
21	0	9,000	\$ 1,057.84	\$ 1,031.97	\$ (25.87)	-2.4%
22	0	9,500	\$ 1,116.30	\$ 1,089.00	\$ (27.30)	-2.4%
23	0	10,000	\$ 1,174.78	\$ 1,146.04	\$ (28.74)	-2.4%
24	0	10,500	\$ 1,233.29	\$ 1,203.11	\$ (30.18)	-2.4%
25	0	11,000	\$ 1,291.72	\$ 1,260.11	\$ (31.61)	-2.4%



Ohio Edison Company  
Case No. 16-1820-EL-RDR  
Typical Bills - Comparison (DCR Q1 2017 vs. DCR Q4 2016)

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	\$ 33.62	\$ 32.90	\$ (0.72)	-2.1%
2	0	500	\$ 63.00	\$ 61.56	\$ (1.44)	-2.3%
3	0	750	\$ 83.16	\$ 81.00	\$ (2.16)	-2.6%
4	0	1,000	\$ 103.32	\$ 100.45	\$ (2.87)	-2.8%
5	0	1,250	\$ 123.52	\$ 119.93	\$ (3.59)	-2.9%
6	0	1,500	\$ 143.71	\$ 139.40	\$ (4.31)	-3.0%
7	0	2,000	\$ 184.05	\$ 178.30	\$ (5.75)	-3.1%
8	0	2,500	\$ 224.19	\$ 217.01	\$ (7.19)	-3.2%
9	0	3,000	\$ 264.32	\$ 255.70	\$ (8.62)	-3.3%
10	0	3,500	\$ 304.45	\$ 294.39	\$ (10.06)	-3.3%
11	0	4,000	\$ 344.56	\$ 333.06	\$ (11.50)	-3.3%
12	0	4,500	\$ 384.69	\$ 371.76	\$ (12.93)	-3.4%
13	0	5,000	\$ 424.87	\$ 410.50	\$ (14.37)	-3.4%
14	0	5,500	\$ 464.99	\$ 449.18	\$ (15.81)	-3.4%
15	0	6,000	\$ 505.10	\$ 487.86	\$ (17.24)	-3.4%
16	0	6,500	\$ 545.23	\$ 526.55	\$ (18.68)	-3.4%
17	0	7,000	\$ 585.36	\$ 565.24	\$ (20.12)	-3.4%
18	0	7,500	\$ 625.50	\$ 603.95	\$ (21.56)	-3.4%
19	0	8,000	\$ 665.61	\$ 642.62	\$ (22.99)	-3.5%
20	0	8,500	\$ 705.74	\$ 681.31	\$ (24.43)	-3.5%
21	0	9,000	\$ 745.89	\$ 720.02	\$ (25.87)	-3.5%
22	0	9,500	\$ 786.00	\$ 758.70	\$ (27.30)	-3.5%
23	0	10,000	\$ 826.13	\$ 797.39	\$ (28.74)	-3.5%
24	0	10,500	\$ 866.29	\$ 836.11	\$ (30.18)	-3.5%
25	0	11,000	\$ 906.37	\$ 874.76	\$ (31.61)	-3.5%

Ohio Edison Company  
Case No. 16-1820-EL-RDR  
Typical Bills - Comparison (DCR Q1 2017 vs. DCR Q4 2016)

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	\$ 33.62	\$ 32.90	\$ (0.72)	-2.1%
2	0	500	\$ 63.00	\$ 61.56	\$ (1.44)	-2.3%
3	0	750	\$ 87.91	\$ 85.75	\$ (2.16)	-2.5%
4	0	1,000	\$ 112.82	\$ 109.95	\$ (2.87)	-2.5%
5	0	1,250	\$ 137.77	\$ 134.18	\$ (3.59)	-2.6%
6	0	1,500	\$ 162.71	\$ 158.40	\$ (4.31)	-2.6%
7	0	2,000	\$ 212.55	\$ 206.80	\$ (5.75)	-2.7%
8	0	2,500	\$ 262.19	\$ 255.01	\$ (7.19)	-2.7%
9	0	3,000	\$ 311.82	\$ 303.20	\$ (8.62)	-2.8%
10	0	3,500	\$ 361.45	\$ 351.39	\$ (10.06)	-2.8%
11	0	4,000	\$ 411.06	\$ 399.56	\$ (11.50)	-2.8%
12	0	4,500	\$ 460.69	\$ 447.76	\$ (12.93)	-2.8%
13	0	5,000	\$ 510.37	\$ 496.00	\$ (14.37)	-2.8%
14	0	5,500	\$ 559.99	\$ 544.18	\$ (15.81)	-2.8%
15	0	6,000	\$ 609.60	\$ 592.36	\$ (17.24)	-2.8%
16	0	6,500	\$ 659.23	\$ 640.55	\$ (18.68)	-2.8%
17	0	7,000	\$ 708.86	\$ 688.74	\$ (20.12)	-2.8%
18	0	7,500	\$ 758.50	\$ 736.95	\$ (21.56)	-2.8%
19	0	8,000	\$ 808.11	\$ 785.12	\$ (22.99)	-2.8%
20	0	8,500	\$ 857.74	\$ 833.31	\$ (24.43)	-2.8%
21	0	9,000	\$ 907.39	\$ 881.52	\$ (25.87)	-2.9%
22	0	9,500	\$ 957.00	\$ 929.70	\$ (27.30)	-2.9%
23	0	10,000	\$ 1,006.63	\$ 977.89	\$ (28.74)	-2.9%
24	0	10,500	\$ 1,056.29	\$ 1,026.11	\$ (30.18)	-2.9%
25	0	11,000	\$ 1,105.87	\$ 1,074.26	\$ (31.61)	-2.9%

Ohio Edison Company  
Case No. 16-1820-EL-RDR  
Typical Bills - Comparison (DCR Q1 2017 vs. DCR Q4 2016)

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	\$ 173.04	\$ 161.63	\$ (11.41)	-6.6%
2	10	2,000	\$ 242.44	\$ 231.03	\$ (11.41)	-4.7%
3	10	3,000	\$ 311.42	\$ 300.01	\$ (11.41)	-3.7%
4	10	4,000	\$ 380.35	\$ 368.94	\$ (11.41)	-3.0%
5	10	5,000	\$ 449.34	\$ 437.93	\$ (11.41)	-2.5%
6	10	6,000	\$ 518.27	\$ 506.86	\$ (11.41)	-2.2%
7	1,000	100,000	\$ 17,819.62	\$ 16,678.22	\$ (1,141.40)	-6.4%
8	1,000	200,000	\$ 24,658.85	\$ 23,517.45	\$ (1,141.40)	-4.6%
9	1,000	300,000	\$ 31,498.07	\$ 30,356.67	\$ (1,141.40)	-3.6%
10	1,000	400,000	\$ 38,337.30	\$ 37,195.90	\$ (1,141.40)	-3.0%
11	1,000	500,000	\$ 45,176.53	\$ 44,035.13	\$ (1,141.40)	-2.5%
12	1,000	600,000	\$ 52,015.75	\$ 50,874.35	\$ (1,141.40)	-2.2%

Ohio Edison Company  
Case No. 16-1820-EL-RDR  
Typical Bills - Comparison (DCR Q1 2017 vs. DCR Q4 2016)

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	\$ 7,366.54	\$ 6,939.39	\$ (427.15)	-5.8%
2	500	100,000	\$ 10,565.90	\$ 10,138.75	\$ (427.15)	-4.0%
3	500	150,000	\$ 13,765.26	\$ 13,338.11	\$ (427.15)	-3.1%
4	500	200,000	\$ 16,964.63	\$ 16,537.48	\$ (427.15)	-2.5%
5	500	250,000	\$ 20,163.99	\$ 19,736.84	\$ (427.15)	-2.1%
6	500	300,000	\$ 23,363.35	\$ 22,936.20	\$ (427.15)	-1.8%
7	5,000	500,000	\$ 72,065.86	\$ 67,794.36	\$ (4,271.50)	-5.9%
8	5,000	1,000,000	\$ 103,379.85	\$ 99,108.35	\$ (4,271.50)	-4.1%
9	5,000	1,500,000	\$ 133,338.63	\$ 129,067.13	\$ (4,271.50)	-3.2%
10	5,000	2,000,000	\$ 163,297.41	\$ 159,025.91	\$ (4,271.50)	-2.6%
11	5,000	2,500,000	\$ 193,256.19	\$ 188,984.69	\$ (4,271.50)	-2.2%
12	5,000	3,000,000	\$ 223,214.97	\$ 218,943.47	\$ (4,271.50)	-1.9%

Ohio Edison Company  
Case No. 16-1820-EL-RDR  
Typical Bills - Comparison (DCR Q1 2017 vs. DCR Q4 2016)

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	\$ 10,553.66	\$ 10,193.46	\$ (360.20)	-3.4%
2	1,000	200,000	\$ 16,321.99	\$ 15,961.79	\$ (360.20)	-2.2%
3	1,000	300,000	\$ 22,090.31	\$ 21,730.11	\$ (360.20)	-1.6%
4	1,000	400,000	\$ 27,858.64	\$ 27,498.44	\$ (360.20)	-1.3%
5	1,000	500,000	\$ 33,626.97	\$ 33,266.77	\$ (360.20)	-1.1%
6	1,000	600,000	\$ 39,395.29	\$ 39,035.09	\$ (360.20)	-0.9%
7	10,000	1,000,000	\$ 102,775.86	\$ 99,173.86	\$ (3,602.00)	-3.5%
8	10,000	2,000,000	\$ 156,389.42	\$ 152,787.42	\$ (3,602.00)	-2.3%
9	10,000	3,000,000	\$ 210,002.98	\$ 206,400.98	\$ (3,602.00)	-1.7%
10	10,000	4,000,000	\$ 263,616.54	\$ 260,014.54	\$ (3,602.00)	-1.4%
11	10,000	5,000,000	\$ 317,230.11	\$ 313,628.11	\$ (3,602.00)	-1.1%
12	10,000	6,000,000	\$ 370,843.67	\$ 367,241.67	\$ (3,602.00)	-1.0%

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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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**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 December 1, 2016. This Rider is not avoidable for customers who take electric generation service from a certified supplier.

**RATE:**

RS (all kWhs, per kWh)	0.3747¢
GS (per kW of Billing Demand)	\$1.2099
GP (per kW of Billing Demand)	\$0.9040
GSU (per kVa of Billing Demand)	\$0.3853

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

Summary: Tariff Update of Rider DCR electronically filed by Karen A Sweeney on behalf of Ohio Edison Company and Fanelli, Santino L. Mr.