DUKE ENERGY OHIO EXHIBIT

BEFORE

THE PUBLIC UTILITIES COMMISSION OF OHIO

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In the Matter of the Application of Duke Energy Ohio, Inc., for Authority to Adjust its Power Forward Rider.

Case No. 19-1750-EL-UNC

In the Matter of the Application of Duke Energy Ohio, Inc., for Approval to Change Accounting Methods.

Case No. 19-1751-GE-AAM

DIRECT TESTIMONY OF

JAY P. BROWN

ON BEHALF OF

DUKE ENERGY OHIO, INC.

TABLE OF CONTENTS

PAGE

I.	INTRODUCTION	.1
II.	DISCUSSION	.3
III.	EXPLANATION OF ATTACHMENTS AND SCHEDULES	7
IV.	CONCLUSION	7

Attachment:

JPB-1 - Estimated Revenue Requirements

I. **INTRODUCTION**

1	Q.	PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.
2	A.	My name is Jay P. Brown, and my business address is 139 East Fourth Street,
3		Cincinnati, Ohio, 45202.
4	Q.	BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?
5	A.	I am employed by Duke Energy Business Services LLC (DEBS), as Lead Rates &
6		Regulatory Strategy Analyst. DEBS provides various administrative and other
7		services to Duke Energy Ohio, Inc., (Duke Energy Ohio or Company) and other
8		affiliated companies of Duke Energy Corporation (Duke Energy).
9	Q.	PLEASE BRIEFLY DESCRIBE YOUR EDUCATION AND
10		PROFESSIONAL EXPERIENCE.
11	A.	I earned a Bachelor of Science degree in Business Administration with a major in
12		Business: Finance, Investment and Banking from University of Wisconsin -
13		Madison. I began my career with The Alexander Companies, a real estate
14		development company, as an Assistant Project Manager in January 2002
15		managing and developing real estate. Subsequently, in December 2003 I began
16		working for Dell Inc., mainly as a Financial Analyst in Worldwide Procurement
17		Finance, accounting for and reporting on supplier rebates. In January 2008, I
18		began working for Bigfoot Networks, a technology start-up. I was in charge of
19		developing distribution, online and retail channels for a new networking product.
20		Beginning in April 2009, I also served as a Financial Advisor for Edward Jones.
21		In June 2011, I began working as a contractor for Progress Energy and since
22		February 2012, I have been employed by, and worked for, companies under what

1		is now Duke Energy. The roles I've held include Sr. Business Finance Analyst
2		and in December 2012, I took the position of Manager Nuclear Station Finance. I
3		assumed my current role as Lead Rates & Regulatory Strategy Analyst in August
4		of 2018.
5	Q.	PLEASE DESCRIBE YOUR DUTIES AS LEAD RATES &
6		REGULATORY STRATEGY ANALYST.
7	A.	I am responsible for preparing financial and accounting data used in retail rate
8		filings and various other rate recovery mechanisms for Duke Energy Ohio and
9		Duke Energy Kentucky, Inc.
10	Q.	HAVE YOU PREVIOUSLY TESTIFIED BEFORE THE PUBLIC
11		UTILITIES COMMISSION OF OHIO?
12	A.	Yes, I have filed written direct testimony in the Company's Rider CEP
13		application in Case No. 19-0791-GA-ALT.
14	Q.	WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THESE
15		PROCEEDINGS?
16	A.	The purpose of my testimony is to provide an overview of the estimated revenue
17		requirement being proposed for recovery through the PowerForward Rider (Rider
18		PF) in this application. I also support the Company's request for deferral authority
19		in this case to defer income statement recognition of certain Operation &
20		Maintenance (O&M) expenses.

II. **DISCUSSION**

1Q,PLEASE EXPLAIN HOW THE COSTS ASSOCIATED WITH THE2COMPANY'S CUSTOMER CONNECT PROGRAM WILL BE3INCLUDED IN RIDER PF.

4 Α. As outlined in the direct testimony of Company witness Retha Hunsicker, the 5 estimated cost to Duke Energy Ohio's electric customers for the implementation 6 of the Customer Connect Program is approximately \$79 million comprised of 7 approximately \$40.2 million in capital costs and \$38.4 million in O&M expenses. 8 As discussed later in my testimony, the Company is requesting deferral authority 9 of O&M expenses incurred since January 1, 2018. A more detailed breakdown of 10 these costs is shown in Attachment RH-1. As shown on Attachment JPB-1, Rider 11 PF will include a return on net plant in service, net of associated retirements, 12 accumulated depreciation, and accumulated deferred income taxes. It will also 13 include recovery of O&M expenses incurred since January 1, 2018, ongoing 14 depreciation expense and property tax expense associated with the Customer 15 Connect program. The Company is proposing to amortize the O&M expenses 16 incurred after January 1, 2018 over a five-year period.

Q. PLEASE EXPLAIN HOW THE COSTS ASSOCIATED WITH THE COMPANY'S LAND MOBILE RADIO PROGRAM WILL BE INCLUDED IN RIDER PF.

A. As outlined in the direct testimony of Company witness Randy Turner, the LMR
 project is approximately \$16.2 million in total electric and natural gas costs of
 which \$11.8 million is related to electric, comprised of approximately \$11.3

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3

million in capital costs and approximately \$519,000 in O&M expenses. As shown
 on Attachment JPB-1, Rider PF will include a return on net plant in service, net of
 associated retirements, accumulated depreciation, and accumulated deferred
 income taxes. It will also include recovery of depreciation expense, property tax
 expense and O&M expenses associated with the LMR investment. The Company
 is proposing to amortize the O&M expenses over a five-year period.

7 Q. PLEASE EXPLAIN HOW THE COSTS ASSOCIATED WITH THE 8 COMPANY'S SMART CITIES INFRASTRUCTURE ACCELERATION 9 PROGRAM WILL BE INCLUDED IN RIDER PF.

A. As outlined in the direct testimony of Company witness Timothy Duff, the
estimated cost to Duke Energy Ohio's electric customers for the implementation
of the Smart Cities Program is \$5 million in capital costs. As shown on
Attachment JPB-1, Rider PF will include a return on net plant in service, net of
associated retirements, accumulated depreciation, and accumulated deferred
income taxes. It will also include recovery of depreciation expense and property
tax associated with the Smart Cities Program.

17 Q. PLEASE EXPLAIN HOW THE COSTS ASSOCIATED WITH THE
 18 COMPANY'S ELECTRIC VEHICLE PROGRAM WILL BE INCLUDED
 19 IN RIDER PF.

A. As outlined in the direct testimony of Company witness Lang Reynolds the
estimated cost to Duke Energy Ohio's electric customers for the implementation
of the Electric Vehicle (EV) Program is approximately \$15.8 million (\$11.3
million in capital costs and \$4.5 million in O&M expenses). As shown on

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1	28 D.	Attachment JPB-1, Rider PF will include a return on net plant in service, net of
2		associated retirements, accumulated depreciation, and accumulated deferred
3		income taxes. It will also include recovery of depreciation expense, property tax
4		expense and O&M expenses associated with the EV Program. The Company is
5		proposing to amortize the O&M expenses over a five-year period.
6	Q.	ARE EXPENSES ASSOCIATED WITH RIDER PF INCLUDED IN
7		CURRENT BASE RATES?
8	A.	No. All expenditures that the Company is proposing for recovery in Rider PF are
9		incremental to base rates and are not being recovered through current riders.
10	Q.	WHAT RATE OF RETURN DO YOU PROPOSE TO USE FOR THE
11		RIDER?
12	A.	The Company will use its current Commission-approved authorized rate of return.
13		As approved in the most recent electric distribution base rate case, the Company
14		will use a 9.84 percent rate of return on equity.
15	Q.	HAS THE PUBLIC UTILITIES COMMISSION OF OHIO GRANTED
16		THE COMPANY RECOVERY OF THESE COSTS THROUGH RIDER
17		PF?
18	A.	The Company is proposing that these costs be recovered through Rider PF as "the
19		third component of Rider PF," as outlined in the Stipulation and Recommendation
20		in Cases No. 17-32-EL-AIR, et al. "for the recovery of cost related to an
21		infrastructure modernization plan, which will be filed in a separate proceeding
22		and subject to hearing."

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Q. WHAT DEFERRAL AUTHORITY RELATED TO ELECTRIC COSTS IS THE COMPANY REQUESTING IN THIS CASE?

3 Α. The Company is requesting deferral authority to change its accounting procedures 4 and permit the Company to defer the incremental electric O&M expenses incurred 5 since January 1, 2018 associated with implementation of the four projects being requested for cost recovery in this case. Duke Energy Ohio proposes to record all 6 7 costs as a regulatory asset on its balance sheet in Account 182.3, Other 8 Regulatory Assets. The deferred costs would then be recovered through Rider PF 9 as I have explained previously in my testimony and outlined on Attachment JPB-10 1.

Q. WHAT DEFERRAL AUTHORITY RELATED TO NATURAL GAS COSTS IS THE COMPANY REQUESTING IN THIS CASE?

13 A. The Company is requesting deferral authority to change its accounting procedures 14 and permit the Company to defer the incremental natural gas O&M expenses 15 incurred since January 1, 2018 associated with implementation of the CIS and 16 LMR projects being requested for cost recovery in this case. These projects are 17 common to both electric and gas operations and therefore the implementation 18 cannot be separated. Duke Energy Ohio proposes to record all costs as a 19 regulatory asset on its balance sheet in Account 182.3, Other Regulatory Assets. 20 The Company would seek recovery of these costs in its next natural gas base rate 21 case.

Q. HOW WILL DUKE ENERGY OHIO UPDATE ITS RIDER PF GOING FORWARD?

A. Duke Energy Ohio will file an application for any future adjustments to its Rider
PF to account for changes and additional programs offered under its Infrastructure
Modernization Plan through the term of the Company's recently approved ESP. In
addition, as Rider PF has multiple components, to the extent any of the other two
components are implicated by either a Commission directive (Component 1) or
for recovery of the Company's Advanced Metering Infrastructure (Component 2)
the Company will file a separate application to adjust Rider PF.

III. EXPLANATION OF ATTACHMENTS AND SCHEDULES

10 Q. PLEASE EXPLAIN ATTACHMENT JPB - 1.

A. Attachment JPB-1 shows the projected revenue requirement associated with the
investments being proposed for Rider PF recovery in this application. The
Company is proposing that these costs would be included in the Company's first
Rider PF filing in March 2021 for costs incurred through December 31, 2020. It
includes a return on rate base and recovery of the related operating expenses.

IV. CONCLUSION

- 16 Q. IS ATTACHMENT JPB-1 TRUE AND ACCURATE TO THE BEST OF
 17 YOUR KNOWLEDGE?
- 18 A. Yes.
- 19 Q. WAS ATTACHMENT JPB-1 PREPARED BY YOU OR UNDER YOUR
 20 DIRECTION AND CONTROL?
- 21 A. Yes.

DOES THIS CONCLUDE YOUR PRE-FILED DIRECT TESTIMONY? 1 Q.

2 A. Yes.

Attachment JPB - 1 Page 1 of 7

> Juke Energy Ohio stimated Revenue Requirement for Rider PF

\$10,493,651 $$28,387,474$ $$67,817,316$ $$67,817,316$ $$67,817,316$ $$67,817,316$ $$67,817,316$ $$57,817,316$ $$57,817,316$ $$57,817,316$ $$57,817,316$ $$57,817,316$ $$57,817,316$ $$57,817,316$ $$51,432,1558$ $$41,445,1558$ $$41,445,158$ $$41,445,158$ $$41,445,158$ $$41,445,158$ $$51,612,662,240$ $$56,65,392$ $$52,366,240$ $$56,60,902$ $$51,114,400$ $$51,612,612$ $$51,612,612$ $$51,612,612$ $$51,114,400$ $$51,516,60,610$ $$51,516,60,610$ <		Description	2020	2021	2022	2023	2024	2025
(1,8.26,732) $(4,269,668)$ $(9,005,842)$ $(15,25,1076)$ $(21,421,558)$ $(24,14,14,14,14,14,14,14,14,14,14,14,14,14$	Gross Distribution Plant ^(a)		\$10,493,651	\$28,587,474	\$67,817,316	\$67,817,316	\$67,817,316	\$67,817,316
\$8,66,919 \$24,317,806 \$58,811,474 \$52,566,240 \$46,395,758 \$41,44 (5287,748) (5492,363) (5808,574) (51,092,683) (51,098,803) (51,11 \$6,379,171 \$23,825,443 \$58,002,900 \$51,473,557 \$45,296,955 \$40,33 \$6,375,1276 \$2,136,139 \$55,200,540 \$4,615,119 \$4,061,325 \$4,03 \$751,1276 \$2,136,139 \$5,200,540 \$4,615,119 \$4,061,325 \$4,05 \$751,276 \$2,136,139 \$5,200,540 \$4,615,119 \$4,061,325 \$3,51 \$751,276 \$2,136,139 \$5,200,540 \$4,615,119 \$4,061,325 \$4,05 \$751,055,946 \$1,73,432 \$4,756,804 \$8,267,812 \$4,05 \$3,51 \$1,23,324 \$7,676,804 \$8,267,812 \$4,05	Accumulated Depreciation		(1,826,732)	(4,269,668)	(9,005,842)	(15,251,076)	(21,421,558)	(26,372,101
(5287,748) (5492,363) (51,092,683) (51,098,803) (51,108,803) (51,108,803) (51,108,803) (51,108,803) (51,108,803) (51,103,803) <td>Net Distribution Plant in Service</td> <td></td> <td>\$8,666,919</td> <td>\$24,317,806</td> <td>\$58,811,474</td> <td>\$52,566,240</td> <td>\$46,395,758</td> <td>\$41,445,215</td>	Net Distribution Plant in Service		\$8,666,919	\$24,317,806	\$58,811,474	\$52,566,240	\$46,395,758	\$41,445,215
83,379,171 $523,825,443$ $588,002,900$ $551,473,557$ $545,296,955$ $540,33$ $8.97%$ $8.92%$ $8.97%$ $8.97%$ $8.92%$ $8.92%$ $8.97%$ $8.92%$ $8.97%$ $8.92%$ $8.97%$ $8.97%$ $8.97%$ $8.92%$ $8.92%$ $8.97%$ $8.92%$ $8.92%$ $8.97%$ $8.92%$ $8.92%$ $8.97%$ $8.92%$ $8.92%$ $8.97%$ $8.92%$ $8.93%$ $8.93%$ $8.93%$ $8.93%$ $8.93%$ $8.93%$ $8.93%$ $8.93%$ $8.93%$ $8.93%$ $8.93%$ $8.93%$ $8.93%$ $8.93%$ <t< td=""><td>Accum Def Income Taxes on Distr Plant</td><td></td><td>(\$287,748)</td><td>(\$492,363)</td><td>(\$808,574)</td><td>(\$1,092,683)</td><td>(\$1,098,803)</td><td>(\$1,114,400)</td></t<>	Accum Def Income Taxes on Distr Plant		(\$287,748)	(\$492,363)	(\$808,574)	(\$1,092,683)	(\$1,098,803)	(\$1,114,400)
8.97% 8.9647 9.061,325 5.3,61 9.06,170,482 5.3,61 7.666,804 5.8,267,812 5.6,47 7.8 5 1,328,055 2,243,936 4,736,174 6,245,234 6,170,482 4,95 7.8 5 1,328,055 2,442,936 4,117,418 998,759 881,519 7.8 7.8 1,1328,055 2,547,313 515,116 519,535,916 519,535,916 519,381,138 515,82 515,82 5 510,511 510,526 510,526 510,526 519,526 519,431,660 515,86 519,431,660 515,86 515,86 515,86 515,86 515,86 515,86 515,86 515,86 515,86 515,86 515,86 515,86 515,86 515,86 515,86 515,86 515,86 515,86 515,86 <t< td=""><td>Distribution Rate Base for Rider PF</td><td></td><td></td><td>\$23,825,443</td><td>\$58,002,900</td><td>\$51,473,557</td><td>\$45,296,955</td><td>\$40,330,815</td></t<>	Distribution Rate Base for Rider PF			\$23,825,443	\$58,002,900	\$51,473,557	\$45,296,955	\$40,330,815
5751,276 $52,136,189$ $55,200,540$ $54,615,119$ $54,061,325$ $53,6$ 5 $1,795,786$ 5 $2,805,967$ 5 $4,122,324$ 5 $7,676,804$ 5 $8,267,812$ 5 $6,49,9236$ $1,328,055$ $2,442,936$ $4,736,174$ $6,245,234$ $6,170,482$ $4,99$ $4,998,759$ $881,519$ $4,998,759$ $164,671$ $462,038$ $515,176,456$ $519,535,916$ $519,381,138$ $515,8$ $515,5916$ $519,381,138$ $515,8$ $54,039,790$ $57,847,131$ $515,176,456$ $519,535,916$ $519,381,138$ $515,8$ $515,86,841$ $519,381,138$ $515,8$ $54,050,320$ $57,867,586$ $515,216,017$ $519,586,841$ $519,431,660$ $515,8$ $5452,055,948$ $5452,0$	Return on Rate Base (Pre-Tax %) ^(b)		8.97%	8.97%	8.97%	8.97%	8.97%	8.97%
5 1,795,786 5 2,805,967 5 4,122,324 5 7,676,804 5 8,267,812 5 6,4 1,328,055 2,442,936 4,736,174 6,245,234 6,170,482 4,9 164,671 462,038 1,117,418 998,759 881,519 7 64,039,790 57,847,131 515,176,456 519,535,916 519,381,138 515,8 54,039,790 57,847,131 515,176,456 519,535,916 519,381,138 515,8 510,531 520,456 539,562 539,562 559,266 519,431,660 515,8 54,050,320 57,867,586 515,216,017 519,586,841 519,431,660 515,8 5452,055,948	Return on Rate Base (Pre-Tax)		\$751,276	\$2,136,189	\$5,200,540	\$4,615,119	\$4,061,325	\$3,616,061
164,671 462,038 1,117,418 998,759 881,519 7 7 462,038 1,117,418 998,759 881,519 7 7 54,039,790 \$7,847,131 \$15,176,456 \$19,535,916 \$19,381,138 \$15,8 5 \$10,531 \$20,456 \$39,562 \$50,926 \$50,522 \$ \$4,050,320 \$7,867,586 \$15,216,017 \$19,586,841 \$19,431,660 \$15,8 \$4,050,320 \$7,867,586 \$15,216,017 \$19,586,841 \$19,431,660 \$15,8 \$452,055,948 \$452,055,948 \$452,055,948 \$452,055,948 \$452,055,948 \$452,055,948 \$452,055,948 0.896% 1.740% 3.366% 4.333% 4.399% \$452,055,948	Amortization of Deferred O&M ^(c) Denreciation Exnence							
\$4,039,790 \$7,847,131 \$15,176,456 \$19,535,916 \$19,381,138 \$15,3 \$10,531 \$20,456 \$39,562 \$50,926 \$50,522 \$ \$4,050,320 \$7,867,586 \$15,216,017 \$19,586,841 \$19,431,660 \$15,8 \$4,050,320 \$7,867,586 \$15,216,017 \$19,586,841 \$19,431,660 \$15,8 \$4,52,055,948 \$452,055,948 </td <td>Annualized Property Tax Expense ^(d)</td> <td></td> <td>164,671</td> <td>462,038</td> <td>1,117,418</td> <td>998,759</td> <td>881,519</td> <td>787,459</td>	Annualized Property Tax Expense ^(d)		164,671	462,038	1,117,418	998,759	881,519	787,459
\$10,531 \$20,456 \$39,562 \$50,926 \$50,522 \$ \$4,050,320 \$7,867,586 \$15,216,017 \$19,586,841 \$19,431,660 \$15,8 \$452,055,948	Revenue Requirement Before CAT (Lines 7 - 10)	10)	\$4,039,790	\$7,847,131	\$15,176,456	\$19,535,916	\$19,381,138	\$15,826,08
\$4,050,320 \$7,867,586 \$15,216,017 \$19,586,841 \$19,431,660 \$15,8 \$452,055,948	Commercial Activities Tax		\$10,531	\$20,456	\$39,562	\$50,926	\$50,522	\$41,255
\$452,055,948 \$452,055,948 \$452,055,948 \$452,055,948 \$452,055,948 \$452,055,948 0.896% 1.740% 3.366% 4.333% 4.299%	Total Rider PF Revenue Requirement		\$4,050,320	\$7,867,586	\$15,216,017	\$19,586,841	\$19,431,660	\$15,867,344
0.896% 1.740% 3.366% 4.333% 4.299%	Annual Base Distribution Revenue		\$452,055,948	\$452,055,948	\$452,055,948	\$452,055,948	\$452,055,948	\$452,055,948
	DEO Percentage of Base Distribution Revenue ^(e)	(e)	0.896%	1.740%	3.366%	4.333%	4.299%	3.510%

Assumptions:

 $^{\left(a\right) }$ Capital costs are assumed in service in the year spent

(b) Weighted-Average Cost of Capital from Schedule D-1 in Case No. 17-032-EL-AIR, with ROE at 9.84%, grossed up for 21% FIT rate.

(c) O&M amortized over 5 years and if defferals are approved will include carrying costs at the long term debt rate of 5.16% approved in Case No. 17-032-EL-AIR. ^(d) Assumes 1.9% of net plant.

uke Energy Ohio stimated Revenue Requirement for Rider PF (Assumptions and Details of Calculations)

			Property,	Property, Plant and Equipment (Capital)	t (Capital)			
Project	2019	2020	2021	2022	2023	2024	2025	
IS Program Cumulative Gross Plant	\$1,512,855 1,512,855	\$0 1,512,855	\$0 1,512,855	\$32,237,441 33,750,296	\$0 33,750,296	\$0 33,750,296	\$0 33,750,296	
epreciation Expense	50,428	\$100,857	\$100,857	\$1,175,438	\$2,250,020	\$2,250,020	\$2,250,020	
ccumulated Depreciation	(\$50,428)	(\$151,285)	(\$252,142)	(\$1,427,581)	(\$3,677,601)	(\$5,927,620)	(\$8,177,640)	
ccumulated Deferred Income Tax	(\$5,295)	(\$14,296)	(\$20,280)	(\$136,394)	(\$329,043)	(\$455,155)	(\$522,674)	
				Annual Spend (O&M)				
Project	2019	2020	2021	2022	2023	2024	2025	
nrual Q&M Amortize Q&M over 5 yrs After Spend 2019 Q&M 2021 Q&M 2021 Q&M 2021 Q&M	S	8	<u>Ş</u>	8	8	8	8	
2023 USM mortization of Q&M for Rider	\$0	\$	\$0	ŝ	\$0	\$0	8	
	Book Life	Tax Life						
	15.00	15.00						
			- BARASS		Tax Deprecation on	and the state of the		Total
	15 Yr MACKS	Cap Additions	2019 Spend	2020 Spend	2021 Spend	2022 Spend	2023 Spend	Tax Depr
2019	5.00%	\$1,512,855	\$75,643					75,643
2020	9.50%	•	143,721	\$0				143,721
2021	8.55%	141 737 441	115,349	• •	8	¢1 £11 877		129,349
2023	6.93%		104,841		2	3,062,557	ŝ	3.167,398
2024	6.23%		94,251	a		2,756,301	ά.	2,850,552
2025	5.90%	+DEEI	89,258	•	•	2,482,283	• 5 YP	2,571,541
2027	5.91%	#REF!	89,410	• •	• •	2.008.393		2,047,802
2028	5.90%	#REF!	89,258		•	1,902,009	4	1,991,267
2029	5.91%		89,410		1	1,902,009		1,991,419 4
2030	5.90%		89,258	•	8	1,905,233		1,994,491 #
2031	5.91%		89,410	¢	•	1,902,009		1,991,419 #
2033	5.91%		89,410			1,905,233		1,994,491 #
2034	2.95%		44,629			1,905,233		1,949,862
2035			•	ł	,	1,902,009		1,902,009
2036				•	c	1,905,233	•	1,905,233 #
203/			•			951,005	•	951,005 #
2039					e .			
	100 001	UNFEL	110 111	44		444 444 444		

5,295 9,001 5,943 115,114 115,112 126,112 126,112 67,520 #REFI #REFI

\$50,428 151.285 252,142 1,427,561 3,677,601 5,927,620 5,927,620 8,877,640 #REFI #REFI

1,512,855 1,512,855 33,750,296 33,750,296 33,750,296 33,750,296 33,750,296 33,750,296 33,750,296 #REFI #REFI

#REF! #REF! #REF! #REF! #REF! #REF! #REF! #REF! #REF! #REF!

#REF!

\$33,750,296

8

\$32,237,441 .

8

8

\$1,512,855

#REFI

100.0%

ADIT

Deferred Tax

Accumulated Depreciation

Gross Plant

Book Depreciation

\$50,428 100,857 100,857 1,175,438 2,250,020 2,250,020 2,250,020

Attachment JPB - 1 Page 2 of 7

uke Energy Ohio stimated Revenue Requirement for Rider PF (Assumptions and Details of Calculations)

Project Project IS Program Cumulative Gross Plant			ruperty,	Property, Plant and Equipment (Capital)	(Capital)		
s Program umulative Gross Plant	2019	2020	2021	2022	2023	2024	2025
umulative Gross Plant	\$4,482,485	\$1,511,366	\$87,200	\$392,400	65	Q\$	Ş
	4,482,485	5,993,851	6,081,051	6,473,451	6,473,451	6,473,451	6,473,451
epreciation Expense	448,248	\$1,047,634	\$1,207,490	\$1,255,450	\$1,294,690	\$1,219,938	\$
ccumulated Depreciation	(\$448,248)	(\$1,495,882)	(\$2,703,372)	(\$3,958,822)	(\$5,253,513)	(\$6,473,451)	(\$6,473,451)
ccumulated Deferred Income Tax	(\$94,132)	(\$238,829)	(\$271,217)	(\$199,291)	(\$102,295)	\$45,178	\$15,294
				Annual Spend (O&M)			
Project	2019	2020	2021	2022	2023	2024	2025
nnual O&M Amortize O&M over 5 vrs After Spend	\$8,851,315	\$4,773,815	\$4,001,990	\$16,058,861	\$2,595,869	\$	0\$
2019 O&M 2020 O&M		\$1,770,263,06	\$1,770,263.06 954,763	\$1,770,263.06 954,763	\$1,770,263.06 954,763	\$1,770,263.06 954,763	954,763
2021 O&M 2022 O&M		a 2		800,398	800,398 3,211,772	800,398 3,211,772	800,398 3,211,772
2023 O&M	1					519,174	519,174
mortization of O&M for Rider	\$	\$1,770,263	\$2,725,026	\$3,525,424	\$6,737,196	\$7,256,370	\$5,486,107
	Book Life	Tax Life					
	5.00	5.00					
				1	Tax Deprecation on		100 Mar
	S Yr MACRS	Cap Additions	2019 Spend	2020 Spend	2021 Spend	2022 Spend	2023 Spend

ADIT 94,132 144,697 32,387 (71,925) (96,997) (96,997) (147,473) 29,884 #REFI Deferred Tax \$448,248 1,495,882 2,703,372 3,958,822 5,295,313 6,473,451 #REFI Accumulated Depreciation 4,482,485 5,993,851 6,031,051 6,473,451 6,473,451 6,473,451 6,473,451 4,872 4,873,451 4,872 4,973 4,973 4,73 4,512 4,73 4,512 4,512 4,73 4,73 4,512 4,512 4,51 Gross \$448,248 1,047,634 1,207,490 1,255,450 1,294,690 1,219,938 Book Depreciation #REFI 896,497 1,736,668 1.361,714 912,949 832,802 517,687 142,305 50,227 22,602 \$6,473,451 Total Tax Depr \$ 않 \$78,480 125,568 75,341 45,204 45,204 22,602 \$392,400 \$17,440 27,904 16,742 10,045 5,023 \$87,200 \$302,273 483,637 290,182 174,109 174,109 87,055 \$1,511,366 \$896,497 1,434,395 860,637 516,382 516,382 258,191 258,191 \$4,482,485 \$4,482,485 1,511,366 87,200 392,400 #REFI #REFI #REFI #REF! 100.0% 20.00% 32.00% 19.20% 11.52% 11.52% 5.76%

uke Energy Ohio stimated Revenue Requirement for Rider PF (Assumptions and Details of Calculations)

			Avindo: .	invided invidents and the state of the second	· · · · · · · · · · · · · · · · · · ·		
Project	2019	2020	2021	2022	2023	2024	2025
MR Program	05	\$886,946	\$10,406,623	\$	8	Ş	ŝ
Cumulative Gross Plant	•2	886,946	11,293,569	11,293,569	11,293,569	11,293,569	11,293,569
epreciation Expense		\$29,565	\$406,017	\$752,905	\$752,905	\$752,905	\$752,905
ccumulated Depreciation	8	(\$29,565)	(\$435,582)	(\$1,188,487)	(\$1,941,391)	(\$2,694,296)	(\$3,447,200)
ccumulated Deferred Income Tax	ŝ	(\$3,104)	(\$44,805)	(\$110,232)	(\$153,315)	(\$176,388)	(\$181,329)
				Annual Spend (O&M)			
Project	2019	2020	2021	2022	2023	2024	2025
nnuai O&M Amortize O&M over 5 vrs After Spend	\$127,615	\$277,090	\$114,500	\$0	\$0	\$0	\$0
2019 O&M		25,523	25,523	25,523	25,523	25,523	
2020 O&M			55,418	55,418	55,418	55,418	55,418
2021 0&M 2022 0&M				22,900	22,900	22,900	22,900
2023 O&M		MITME					
mortization of O&M for Rider	\$	\$25,523	\$80,941	\$103,841	\$103,841	\$103,841	\$78,318
	Book Life	Tax Life					
	15.00	15.00					
			TOTAL CONTRACTOR OF THE PARTY O	Contraction of the second	Tax Deprecation on	115 - 1180 - ST	
	15 Yr MACRS	Cap Additions	2019 Spend	2020 Spend	2021 Spend	2022 Spend	2023 Spend

			DOBINE NOTICOL	1045-007-007-007-007-007-007-007-007-007-00	Tax Deprecation on	South States and State	CONTRACTOR ON	Total	Book	Gross	Accumulated		
15 Yr B	15 Yr MACRS	Cap Additions	2019 Spend	2020 Spend	2021 Spend	2022 Spend	2023 Spend	Tax Depr	Depreciation	Plant	Depreciation	Deferred Tax	ADIT
6	5.00%	05	So						8		5		
0	9.50%	886,946		\$44,347				44.347	29.565	886.946	29 565		3.1
1	8.55%	10,406,623		84,260	\$520,331			604.591	406.017	11.293,569	435.582		44.84
6	7.70%	·		75,834	988,629	\$		1,064,463	752,905	11.293.569	1.188.487		110.2
	6.93%			68,295	889,766		3	958,061	752,905	11,293,569	1,941,391		153.3
2024	6.23%	·	·	61,465	801,310		•	862,775	752,905	11,293,569	2,694,296	23,073	176,388
ŝ	5.90%	×	•	55,257	721,179	,	•	776,436	752,905	11,293,569	3,447,200		181.3
9	5.90%	#REF!	85	52,330	648,333			700,662		#REF!	#REFI	#RE	#REFI
	5.91%	#REF!	·	52,330	613,991	•		666,321	#REF!	#REFI	#REF!	#REFI	#REF
90	5.90%	#REF!		52,418	613,991		•	666,409	#REFI	#REFI	#REF!		#REF
6	5.91%			52,330	615,031			667,361	#REFI	#REFI	#REF!		#REF
Q	5.90%		•	52,418	613,991		•	666,409	#REF!	#REFI	#REF!		#REF!
1	5.91%			52,330	615,031			667,361	#REF!	#REF!	#REFI	#REFI	#REF!
2	5.90%		•	52,418	613,991		,	666,409	#REF!	#REF1	#REF!		#REFI
3	5.91%			52,330	615,031	•		667,361	#REF!	#REF!	#REF!	#REF!	#REFI
4	2.95%		•	52,418	613,991			666,409	#REFI	#REF!	#REFL	#REF!	#REF!
5			·	26,165	615,031	i		641,196	#REFI	#REFI	#REF!	#REF!	#REF!
9			•	0	306,995	5		306,995	#REF!	#REFI	#REF!	#REFI	#REF!
7			•	•	•	-	,	•	#REF!	#REFI	#REFI	#REFI	#REF!
80				•		5			#REF!	#REF!	#REF!	#REF!	#REF!
6							5		#REF!	#REF!	#REF)	#REF!	#REF!
	100.0%	#REF!	\$	\$886,946	\$10,406,623	ŝ	\$	\$11,293,569	#REFI			#REF!	

uke Energy Ohio stimated Revenue Requirement for Rider PF (Assumptions and Details of Calculations)

After Speed 2024 2024 2024 00m Tax 5,000,000				Property, P	Property, Plant and Equipment (Capital)	t (Capital)			
It S00000 S000000 S000	Project	2019	2020	2021	2022	2023	2024	2025	
n 3,000,000 5,10,000 5,10,000 <th< td=""><td>mart Citles Program</td><td>\$0</td><td></td><td>\$3,000,000</td><td>\$2,000,000</td><td>Ş</td><td>\$</td><td>\$</td><td></td></th<>	mart Citles Program	\$0		\$3,000,000	\$2,000,000	Ş	\$	\$	
S0 5100,000 5266.667 533,333 533,433 533,433 5	Cumulative Gross Plant	•		3,000,000	5,000,000	5,000,000	5,000,000	5,000,000	
90 50 50 (51,03,333) (51,03,33)	epreciation Expense	(*) 	\$0	\$100,000	\$266,667	\$333,333	\$333,333	\$333,333	
20 50 50.00 (533.350) (539.115) (573.355) 2010 2020 2021 Annuel Spend (0.km) 2034 2033 2034 2033 2034 2033 2033 2034 2033 2034 2033 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2030 2033 2034 2033 2030 2030 2031 2033 2034 2034 2034 2031 2033 2030 2030 2030 2030 2030 2030 2030 2031 2031 2033 2034 2034 2034 2034 2034 <	ccumulated Depreciation	\$0	\$0	(\$100,000)	(\$366,667)	(\$700,000)	(\$1,033,333)	(\$1,366,667)	
Annual Spend (06.M) Annual Spend (06.M) 2023 2024 2025 50<	ccumulated Deferred Income Tax	So	\$0	(\$10,500)	(\$35,350)	(\$59,115)	(\$73,535)	(\$79,534)	
2019 2020 2021 2023 2024 2025 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 15.00 15.00 15.00 15.00 15.00 15.00 2013 Spend 2021 Spend 2023 Spend 2024 Stored 2023 Spend 2023 Spend 2023 Spend 2024 Stored 2023 Spend 2024 Sp Spe					(WGO) Proces Journey				
50 50<	Project	2019	2020	Π	2022		2024	2025	
50 50<	nnuai O&M Amortize O&M over 5 yrs After Spend 2019 O&M	S	\$0	\$0	\$0	8	8	\$0	
Book Life Tar Life 15.00 15.00 15.00 15.00 15.00 15.00 25.00 2019 Spend 2019 Spend 2021 Spend 2019 Spend 2021 Spend 2019 Spend 2022 Spend 2019 Spend 2023 Spend 2019 Spend 2023 Spend 2019 Spend 2023 Spend 2019 Spend 2020 Spend 2019 Spend 2023 Spend 2019 Spend 2020 Spend 2019 Spend 2023 Spend 2019 Spend 2020 Spend 2019 Spend 2024 Spend 2019 Spend 2023 Spend 2019 Spend 2023 Spend 2010 Spend 2020 Spe	2020 O&M 2021 O&M mortization of O&M for Rider	8	so	\$0	8	80	\$0	\$0	
IS 00 IS 00 IS 00 IS Yr MACRS Cap Additions Tat Depresation on S 00% 2019 Spend 2021 Spend 2022 Spend S 00% S 00 2020 Spend 2022 Spend 2023 Spend S 00% S 00 S 00 2020 Spend 2023 Spend 2023 Spend 7 10% S 00% S 0 S 00 S 000 171,000 6 33% S 000,000 S 0 S 156,000 139,000 6 33% R REFI S 000,000 S 145,000 171,000 S 90% R REFI S 117,000 117,000 134,600 S 91% R REFI S 117,000 114,600 114,600		Book Life	Tax Life						
IS Yr MACRS Cap Additions 2019 Spend Tat Depresation on 2023 Spend		15.00	15.00						
Is Yr MACRS Cap Additions 2013 Spend 2020 Spend 2021 Spend 2023 Spend 202				all and a fighter and	A CONTRACTOR OF	Tax Deprecation on		ADDING SCHEMES	Tuta
5.00% \$0 \$0 \$0 9.50% - - \$0 9.50% 3,000,000 - 50 8.55% 3,000,000 - 50 7.70% 2,000,000 - 2,35,000 7.30% - - 2,55,000 6.33% - - 2,55,500 190,000 6.33% - - 2,55,500 171,000 5.90% #REFI - - 2,21,000 174,000 5.91% #REFI - - 2,27,900 174,000 138,600 5.90% #REFI - - 1,77,000 134,600 134,600 5.90% #REFI - - 1,77,000 1,18,600 1,18,600		15 Yr MACRS	Cap Additions	2019 Spend	h	2021 Spend	2022 Spend	2023 Spend	Tax De
9.50k 9.50k 50 8 55% 3,000,000 5 7,70k 2,000,000 5 7,70k 2,000,000 190,000 6 33% - 255,000 6 33% - 255,000 6 33% - 255,000 5 90% - 231,000 5 90% - - 5 91% #REFI - 5 91% #REFI - 5 90% #REFI -	2019	5.00%	Ş	\$					
855% 3,000,000 5,550,000 7,70% 2,000,000 2,55,000 910,000 6,33% - 2,55,000 190,000 6,23% - 2,31,000 171,000 5,50% 8167 - 231,000 171,000 5,50% 8167 - - 234,000 5,50% 8167 - - 234,000 5,50% 8167 - - 177,000 5,50% 8167 - - 135,600 5,50% 8167 - - 137,000 5,50% 8167 - - 137,000	2020	9.50%	2	•	\$				
7.70% 2,000,000 5.385,000 \$100,000 6.33% - - 256,500 190,000 6.33% - - 234,000 171,000 5.30% #REFI - - 234,000 138,600 5.90% #REFI - - 136,500 138,600 5.90% #REFI - - 136,500 138,600 5.90% #REFI - - 137,000 124,600 5.30% #REFI - - 1177,000 118,000	2021	8.55%	3,000,000	•	•	\$150,000			
6.33% - - 256,500 190,000 6.23% - - 231,000 171,000 5.30% #REFI - - 231,000 171,000 5.90% #REFI - - 136,900 134,000 5.90% #REFI - - 137,000 134,600 5.90% #REFI - - 177,000 118,000	2022	7.70%	2,000,000	8		285,000	\$100,000		
6.23% 5.90% #REFI - 231,000 5.90% #REFI - 207,900 5.91% #REFI - 138,900 5.91% #REFI - 177,000 5.90% #REFI - 177,000	2023	6.93%		•	£	256,500	190,000	\$	
5:90% #REFI - 207,900 5:91% #REFI - 136,900 5:91% #REFI - 177,000 5:90% #REFI - 177,000	2024	6.23%	*	•	5	231,000	171,000	×	
5:90% #REFI - 186,900 5:91% #REFI - 177,000 5:90% #REFI - 177,000	2025	5.90%	6	•	ĸ	207,900	154,000		
5,91% #REFI - 177,000 5,90% #REFI - 177,000	2026	2:90%	#REF!			186,900	138,600	•	
5.90% #REF! 177,000	2027	5,91%	#REF1		•	177,000	124,600	•	
	2028	5.90%	#REF!			177,000	118,000	•	2

Attachment JPB - 1 Page 5 of 7

S0 10,500 35,350 59,115 73,535 79,534 #REFI #REFI #REFI #REFI #REFI #REFI #REFI ADIT D 10,500 24,850 24,850 24,850 14,420 5,999 #REFI #REFI #REFI #REFI #REFI #REFI #REFI #REFI #REFI Deferred Tax 50 100,000 366,667 700,000 1.033,333 1.033,333 1.033,333 1.033,333 4.88.67 #RREFI #RREFI #RREFI #REFI #REFI #REFI #REFI Accumulated Depreciation Gross Plant \$0 100.00 266,667 365,667 333,333 333,333 333,333 #REFI #REFI #REFI #REFI #REFI #REFI #REFI #REFI #REFI Book Depreciation 150,000 385,000 446,500 446,500 361,900 361,600 301,600 295,300 295,300 295,300 295,300 295,300 295,200 200,200 200,200 200,200 200,200 200,20 2 Depr S. 2 118,000 118,200 118,200 118,200 118,200 118,200 177,300 177,300 177,300 177,300 177,300 177,300 22,734,200 \$ \$ #REF! 5.91% 5.90% 5.90% 5.90% 5.91% 2.95% 100.0% 2029 2030 2031 2032 2033 2033

uke Energy Chio stimated Revenue Requirement for Rider PF (Assumptions and Details

		oltal)
		nd Equipment (Car
		 Property, Plant a
(sunners)		
encondument in a		

Project	2019	2020	2021	2022	2023	2024	2025
V Program	\$0	\$2,100,000	\$4,600,000	\$4,600,000	Ş	\$	8
Cumulative Gross Plant		2,100,000	6,700,000	11,300,000	11,300,000	11,300,000	11,300,000
epreciation Expense		\$150,000	\$628,571	\$1,285,714	\$1,614,286	\$1,614,286	\$1,614,286
ccumulated Depreclation	\$	(\$150,000)	(\$778,571)	(\$2,064,286)	(\$3,678,571)	(\$5,292,857)	(\$6,907,143)
ccumulated Deferred Income Tax	Ş	(\$31,519)	(\$145,561)	(\$327,307)	(\$448,915)	(\$438,903)	(\$346,157)
			A	Annual Spend (O&M)			
Project	2019	2020	2021	2022	2023	2024	2025
ทศนอย่ 0&M	So	\$0	\$2,465,293	\$1,713,543	\$359,167	\$0	\$0
2019 O&M		\$0	8	S	0\$	\$	
2020 O&M				7	1	(*)	•
2021 Q&M				493,059	493,059	493,059	493,059
2022 O&M 2023 O&M					\$342,709	\$342,709 71,833	\$342,709 71,833
mortization of O&M for Rider	\$0	8	\$	\$493,059	\$835,767	\$907,600	\$907,600

7.00

7.00

Cap Additions 2023 Spend 200 GB0 1500 GB 2500 GB 250 Spend 200 GB0 1500 GB 2500 GB <th></th> <th></th> <th></th> <th></th> <th>DOUTINE WITH D</th> <th>Tax Deprecation on</th> <th>STATUTORS NO</th> <th>サロシーと見た</th> <th>Total</th> <th>Book</th> <th>Gross</th> <th>Accumulated</th> <th></th> <th></th>					DOUTINE WITH D	Tax Deprecation on	STATUTORS NO	サロシーと見た	Total	Book	Gross	Accumulated		
S0 S0 <ths0< th=""> S0 S0 S0<!--</th--><th></th><th>7 Yr MACRS</th><th>Cap Additions</th><th>2019 Spend</th><th>2020 Spend</th><th>2021 Spend</th><th>2022 Spend</th><th>2023 Spend</th><th>Tax Depr</th><th>Depreciation</th><th>Plant</th><th>Depreciation</th><th>Deferred Tax</th><th>ADIT</th></ths0<>		7 Yr MACRS	Cap Additions	2019 Spend	2020 Spend	2021 Spend	2022 Spend	2023 Spend	Tax Depr	Depreciation	Plant	Depreciation	Deferred Tax	ADIT
2.100,000 537,300 557,340 300,000 150,000 150,000 156,000 315,19 4,600,000 5,4,290 5,57,340 1,171,630 5,37,14 1,1,300,000 778,571 1,14,042 4,600,000 5,57,340 1,171,630 5,35,71 6,700,000 778,571 114,042 4,600,000 5,57,340 1,127,1630 1,1330,000 3,678,571 114,042 7,600,000 778,571 1,126,640 5,57,340 2,143,000 3,678,571 114,042 8,67,340 5,74,540 5,74,540 5,74,540 1,136,1260 3,678,571 114,042 8,67,340 5,74,540 5,74,540 5,74,540 1,136,1600 3,578,571 114,042 8,74,560 1,125,640 5,74,540 1,136,1600 5,971,43 114,042 8,861 1,87,550 4,10,780 1,14,142 11,300,000 5,974,46 8,861 1,87,560 1,130,0000 5,974,64 11,300,000 5,974,64 8,861 8,861,540 2,05,16	2019	14,29%	8	50					Ş	Ş	ç	S		Ş
4,600.00 514,290 5657,340 1,17,630 538,571 6,700,000 778,571 1,14,622 4,600.00 367,340 3657,340 3657,340 357,340 1,136,640 358,571 1,13,0000 778,571 114,426 114,5476 114,546 114,546 114,5476 114,5466 114,300,000 5,5714 113,00,000 5,5714 113,00,000 5,9714 121,566 121,566 121,566 121,566 113,00,000 5,9714 121,566 121,566 113,00,000 5,9714 121,566 121,566 121,566 13,146 141,756 114,300,000 5,9714 141,746 113,00,000 5,9714 121,666 121,566 121,566 121,566 121,566 141,726 141,726 141,726 141,920,000 5,9714 1		24.49%	2,100,000		\$300,090				060.005	150.000	2 100 001	150,000		31 610
4,600.00 367,340 557,340 557,340 557,340 1,25,714 1,300,000 2,664,266 187,746 r 187,320 11,25,400 504,540 504,540 5,131,170 1,255,714 11,300,000 2,68,521 121,608 r 187,320 10,780 574,400 1,125,540 50 2,133,370 1,1300,000 3,678,571 121,608 r 187,320 410,780 5,14,400 1,154,266 11,300,000 5,732,577 (10,012) r 187,320 410,780 5,14,500 1,1300,000 5,734,571 121,608 r 187,510 410,780 2,11,72,600 1,614,286 11,300,000 5,734,571 121,608 r 93,660 410,780 410,780 1,0141 #REFI		17.49%	4,600,000		514,290	\$657,340			1.171 630	628 571	6 700 000	778 571		145 561
- -		12.49%	4,600,000	•	367,290	1,126,540	\$657,340		2.151.170	1.285.714	11.300.000	2.064.286		205 225
I87,530 574,540 804,540 1,566,610 1,614,286 11,300,000 5,323,857 (10,012) #REF 187,530 410,780 5,74,540 1,172,640 1,614,286 11,300,000 5,321,857 (10,012) #REF 187,530 410,780 410,780 1,172,640 1,614,286 11,300,000 5,907,143 (92,746) #REF 13,560 410,780 410,320 410,780 5,940 #REF #REF #REF #REF #REF #REF #REF 205,160 1,0320 2,05,160 1,0320 2,05,160 #REF		8.93%			262,290	804,540	1,126,540	\$	2,193,370	1,614,286	11.300.000	3.678.571		448 915
HRE! 137,320 410,780 574,540 1,172,640 1,14,266 1,130,000 6,907,143 (32,745) #RE! 187,530 410,780 410,780 410,780 1,006,630 #RE1 <		8.92%			187,530	574,540	804,540		1,566,610	1.614.286	11.300.000	5.292.857		438 903
#REF! 137,530 410,780 410,780 410,780 410,780 410,780 #REFI		8.93%		e	187,320	410,780	574,540	,	1,172,640	1.614.286	11.300.000	6.907.143		346 157
#REFI 93,660 410,320 0 91,760 #REFI #REFI <th< td=""><td></td><td>4.46%</td><td>#REF!</td><td>÷</td><td>187,530</td><td>410,320</td><td>410,780</td><td>÷</td><td>1,008,630</td><td>#REFI</td><td>#REF!</td><td>#REF!</td><td></td><td>#REF1</td></th<>		4.46%	#REF!	÷	187,530	410,320	410,780	÷	1,008,630	#REFI	#REF!	#REF!		#REF1
#REFI 205,160 410,780 6.15,940 REFI #REFI		0.00%	#REF!		93,660	410,780	410,320	•	914,760	#REF!	#REF!	#REF!		#REFI
205,160 ·· 205,160 ·· #REFI #REFI #REFI ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ··		0:00%	#REF!			205,160	410,780	,	615,940		#REFI	#REF!		#RFFI
REFI #REFI		0.00%					205,160		205,160	#REFI	#REFI	#REFI		#RFFI
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Attachment JPB - 1 Page 7 of 7

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Pre-Tax Return	8.966%
300k Depreciation Life (yrs)	7
ax Depreciation Life (MACRS) (yrs)	7
Property Tax Rate	. 1.90%
3ase Distribution Revenue	\$452,055,948
ong Term Debt Rate	5.16%

33.33% 20.00% 14.29% 10.00% 5.00% 3.750 44.45% 32.00% 24.49% 18.00% 9.50% 7.219 14.81% 19.20% 17.49% 14.40% 8.55% 6.6177 7.41% 11.52% 12.49% 11.52% 7.70% 6.177 7.41% 11.52% 7.37% 6.93% 5.713 5.76% 8.93% 9.22% 6.93% 5.213 5.76% 8.93% 6.55% 5.90% 4.462 6.55% 5.90% 4.462 6.55% 5.90% 4.461 6.56% 5.91% 4.462 5.91% 4.462 5.91% 4.461 6.55% 5.90% 5.91% 4.461 5.91% 4.461 5.91% 4.461 6.55% 5.91% 5.91% 5.91% 4.461 5.91% 4.461 5.91% 4.461 5.91% 4.461 5.91% 4.461 5.91% 4.461 5.91% 4.461 5.91% 4.461 5.91% 4.461 5.91% 4.461 5.91% 4.461 5.91% 4.	 I Yr MACRS	5 Yr MACRS	7 Yr MACRS	3 Yr MACRS 5 Yr MACRS 7 Yr MACRS 10 Yr MACRS 15 Yr MACRS 20 Yr MACRS	15 Yr MACRS	20 Yr MACR
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Commission of Ohio Docketing Information System on

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Case No(s). 19-1750-EL-UNC, 19-1751-GE-AAM

Summary: Testimony Direct Testimony of Jay P. Brown electronically filed by Mrs. Debbie L Gates on behalf of Duke Energy Ohio Inc. and D'Ascenzo, Rocco O. Mr. and Kingery, Jeanne W and Watts, Elizabeth H and Vaysman, Larisa