

EXHIBIT NO. _____

BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Application of)
Ohio Power Company to Initiate) Case No. 19-1475-EL-RDR
its gridSMART Phase 3 Project.)

DIRECT TESTIMONY OF
DONA R. SEGER-LAWSON
ON BEHALF OF
OHIO POWER COMPANY

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DONA R. SEGER-LAWSON

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BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO
DIRECT TESTIMONY OF
DONA R. SEGER-LAWSON
ON BEHALF OF
OHIO POWER COMPANY

1 **PERSONAL DATA**

2 **Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.**

3 A. My name is Dona R. Seger-Lawson. My business address is 700 Morrison Road,
4 Gahanna, Ohio 43230.

5 **Q. BY WHOM ARE YOU EMPLOYED AND WHAT IS YOUR POSITION?**

6 A. I am employed by Ohio Power Company (“AEP Ohio” or the “Company”) as Manager of
7 Pricing and Analysis.

8 **Q. WOULD YOU PLEASE DESCRIBE YOUR EDUCATIONAL AND**
9 **PROFESSIONAL BACKGROUND?**

10 A. Yes. I received a Bachelor of Science degree in Business Administration with majors in
11 Finance and Management from Wright State University in Dayton, Ohio in 1992. I
12 earned a Master’s in Business Administration with a Finance Administration
13 concentration also from Wright State University in August of 1997. I was employed by
14 the Dayton Power and Light Company from 1992 to 2018 and held various positions in
15 the Regulatory Operations area, ranging from Rate Analyst to Director of Regulatory
16 Operations. In 2018, I accepted my current position with the Company.

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1 **Q. WHAT ARE YOUR RESPONSIBILITIES AS MANAGER OF PRICING AND**
2 **ANALYSIS?**

3 A. I am responsible for assisting in the development, analysis, revision, and administration
4 of the Company's tariff schedules, rate designs, and policies. I am responsible for
5 evaluating regulatory and legislative initiatives, and Public Utilities Commission of Ohio
6 ("Commission") orders that impact the Company's retail rates and regulatory policies. I
7 am also responsible for the Company's responses to customer complaints that are
8 submitted to the Commission as either formal or informal complaints. I report to the
9 Director, Regulatory Services of AEP Ohio.

10 **Q. HAVE YOU PREVIOUSLY SUBMITTED TESTIMONY IN ANY REGULATORY**
11 **PROCEEDINGS?**

12 A. Yes. I have sponsored testimony in several cases before the Commission.

13 **Q. ARE YOU SPONSORING ANY EXHIBITS WITH YOUR TESTIMONY?**

14 A. Yes, I am sponsoring the following exhibits as accompanying documents:

- 15 • Exhibit DRSL-1 – Typical Bill Comparison by rate zone
- 16 • Exhibit DRSL-2 – Proposed residential and non-residential rates by year
- 17 • Exhibit DRSL-3 – Revenue requirement and rate calculation spreadsheets
- 18 • Exhibit DRSL-4 – Redlined copies of the Standard and Open Access
- 19 gridSMART® Rider Tariff

20 **PURPOSE OF TESTIMONY**

21 **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?**

22 A. The purpose of my testimony is to discuss the revenue requirement, rate calculations, and
23 typical bill impacts associated with the Company's proposed gridSMART Phase 3
24 implementation, and to discuss how the gridSMART Phase 3 plan furthers state policy.
25 The gridSMART Phase 3 plan includes a variety of technologies that provide benefits to

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1 AEP Ohio customers. The benefits associated with these Phase 3 technologies are
2 discussed by Company witness Osterholt and support the goals of the Commission's
3 PowerForward initiative. The Company is committing to a variety of technologies and
4 continues to support innovation and technologies throughout its territory. As such, the
5 Company continues to invest in infrastructure improvements, technology testing, and
6 other modernization efforts associated with its system, providing benefits to both its
7 customers as well as the State of Ohio.

8 **Q. PLEASE PROVIDE BACKGROUND ON THE EXISTING GRIDSMART RIDER.**

9 A. The Commission first approved the Company's gridSMART Rider in 2009 in *ESP I*
10 (Case Nos. 08-917-EL-SSO, *et al.*). It has approved the rider's continuation, and
11 reaffirmed its support for the Company's gridSMART programs whose costs the rider
12 recovers, in each of the Company's subsequent electric security plan proceedings. Most
13 recently, in April 2018 in *ESP IV* (Case No. 16-1852-EL-SSO, *et al.*), the Commission
14 approved the rider's continuation through May 31, 2024. In June 2018, the Company
15 filed the Phase 3 Full System Feasibility study, which forms the basis of the Company's
16 proposed gridSMART Phase 3 implementation.

17 **Q. WILL GRIDSMART PHASE 3 COSTS BE RECOVERED THROUGH THE**
18 **EXISTING GRIDSMART RIDER?**

19 A. Yes. The gridSMART Phase 3 plan costs will be recovered through the existing
20 gridSMART rider. Once approved, the rider will be recalculated to include these new
21 program costs subject to audits and reconciliation.

1 **Q. HOW ARE GRIDSMART CHARGES REFLECTED ON CUSTOMER BILLS?**

2 A. The rider's costs are included in the distribution service line item on customer bills and
3 are not set forth in a specific gridSMART line item. gridSMART Phase 3 costs would
4 continue to be reflected in a customer's distribution service charge, and I do not expect
5 that that treatment of the costs will create any customer confusion. Further, although the
6 nomenclature of Phase 1, Phase 2, and Phase 3 is well known internally to AEP Ohio and
7 likely to those parties involved in the history of these regulatory proceedings, it is not
8 well known outside of these proceedings.

9 **STATE POLICY**

10 **Q. PLEASE EXPLAIN HOW GRIDSMART PHASE 3 WILL ADVANCE STATE**
11 **POLICIES.**

12 A. The gridSMART Phase 3 plan will help to advance the following state policies.

- 13 • *§4928.02(A) Ensure the availability to consumers of adequate, reliable, safe, efficient,*
14 *nondiscriminatory, and reasonably priced retail electric service;*
- 15 • *§4928.02(B) Ensure the availability of unbundled and comparable retail electric service that*
16 *provides consumers with the supplier, price, terms, conditions, and quality options they elect*
17 *to meet their respective needs;*
- 18 • *§4928.02(D) Encourage innovation and market access for cost-effective supply- and demand-*
19 *side retail electric service including, but not limited to, demand-side management, time-*
20 *differentiated pricing, waste energy recovery systems, smart grid programs, and*
21 *implementation of advanced metering infrastructure;*
- 22 • *§4928.02(H) Ensure effective competition in the provision of retail electric service by*
23 *avoiding anticompetitive subsidies flowing from a noncompetitive retail electric service to a*
24 *competitive retail electric service or to a product or service other than retail electric service,*
25 *and vice versa, including by prohibiting the recovery of any generation-related costs through*
26 *distribution or transmission rates;*
- 27
- 28 • *§4928.02(I) Ensure retail electric service consumers protection against unreasonable sales*
29 *practices, market deficiencies, and market power;*

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- 1 • §4928.02(M) Encourage the education of small business owners in this state regarding the
2 use of, and encourage the use of, energy efficiency programs and alternative energy resources
3 in their businesses.

4 Continuation of the gridSMART Rider provides for continued deployment of emerging
5 distribution system technologies where they can cost-effectively improve the efficiency
6 and reliability of the distribution system, develop performance standards and targets for
7 service quality for all consumers, and encourage the use of energy efficiency programs
8 and alternative energy resources.

9 **REQUESTED RATE CHANGES**

10 **Q. HAVE YOU PREPARED A SUMMARY OF AEP OHIO’S REQUESTED RATE**
11 **CHANGE ASSOCIATED WITH THE PROPOSED GRIDSMART PHASE 3**
12 **IMPLEMENTATION?**

13 A. Yes. Exhibit DRSL-1 summarizes the rate impact of AEP Ohio’s gridSMART Phase 3
14 proposal on typical customer bills based on rates effective May 1, 2019. Exhibit DRSL-2
15 summarizes the proposed residential and non-residential rate by year (2021 – 2036),
16 based on forecasted capital and O&M associated with the gridSMART Phase 3 projects,
17 and contains the rate calculations.

18 **Q. HOW WILL THE COMPANY ADMINISTER THE RIDER?**

19 A. The rider will continue to be updated quarterly, subject to annual audits. The quarterly
20 filings will include for recovery actual O&M expenses as well as capital carrying costs on
21 in-service gridSMART assets. These costs will be grossed-up for the Commercial
22 Activities Tax and uncollectible expense. The rider revenue requirement will then be
23 allocated between Residential and Non-residential customers based on a 45/55 percentage

1 allocation, consistent with the way the rate is designed today. Each group's share of the
2 revenue requirement will be divided by the number of customers in that group to yield
3 per-bill charges. This rate design methodology is the method the Company currently uses
4 for the rider and was approved in Case No. 13-1939-EL-RDR. Estimates of the rider's
5 rates, based on forecasted Phase 3 expenditures supported by Company witness
6 Osterholt, are shown on Exhibit DRSL-2.

7 **Q. ARE THERE ANY ADDITIONAL TECHNOLOGIES INCLUDED IN**
8 **GRIDSMART PHASE 3 THAT WERE NOT PART OF GRIDSMART PHASE 1**
9 **OR PHASE 2?**

10 A. Yes. As more fully discussed by Company witness Osterholt, the Company has included
11 costs associated with dark fiber that will be used for Company device communications in
12 Phase 3. This part of the project is expected to be implemented over a 10-year period
13 with an incremental capital cost of approximately \$52 Million. The Company is
14 proposing to deploy intelligent distribution line sensors as part of its proposed
15 gridSMART Phase 3 implementation. This part of the project is expected to take 5 years
16 to deploy approximately \$11 Million in capital. Additionally, the Company plans to
17 implement a Distribution SCADA (D-SCADA) project, the capital costs associated with
18 this project are \$45 Million over 5 years. The Company also proposes to invest in three
19 additional projects (It's Your Power App, EDI, and I-VVO) and provide customer
20 engagement for the gridSMART Phase 3 projects, the sum cost of these projects is
21 expected to be approximately \$17 Million. The projected O&M and Capital costs
22 associated with each of these deployments were included in the Company's cost support
23 for the proposed rates.

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1 **Q. HOW DID YOU CALCULATE THE REVENUE REQUIREMENT FOR THIS**
2 **FILING?**

3 A. I was provided year-by-year Capital and O&M calculations for each gridSMART Phase 3
4 technology or project from Company witness Osterholt's group. I developed
5 depreciation schedules based on useful life and depreciation rates established by plant
6 accounting. Exhibit DRSL-3 contains the revenue requirement and rate calculation
7 spreadsheets I used to develop the proposed rates contained in Exhibit DRSL-2.

8 **Q. HOW WILL REVENUES THE COMPANY RECEIVES FOR PROVIDING**
9 **FIBER SERVICES TO THIRD PARTIES BE TREATED?**

10 A. Fiber revenues will be credited against the rate, up to the incremental cost of fiber that
11 was included in the rate.

12 **Q. DID YOU INCLUDE AN ASSUMED LEVEL OF REVENUE CREDITS IN YOUR**
13 **ANALYSIS FOR THIS CASE?**

14 A. No. As more fully explained in Company witness Osterholt's testimony, the amount of
15 revenue the Company may collect through fiber services provided to third parties cannot
16 be projected with certainty. Therefore, the Company does not plan to include a revenue
17 credit assumption until fiber revenues are more fully realized.

18 **IMPLEMENTATION AND CUSTOMER BILL IMPACTS**

19 **Q. WHEN WILL AEP OHIO BEGIN TO IMPLEMENT PHASE 3 AND REFLECT**
20 **THOSE COSTS IN THE GRIDSMART RIDER?**

21 A. Upon approval of the proposed gridSMART Phase 3 proposal, AEP Ohio will file
22 compliance tariffs to be effective for bills rendered beginning with the first billing cycle

1 of the month subsequent to the approval. A redline of the Standard and Open Access
2 gridSMART Phase Rider is provided in Exhibit DRSL-4.

3 **Q. WHAT IMPACT WILL AEP OHIO'S PROPOSED GRIDSMART PHASE 3**
4 **IMPLEMENTATION HAVE ON CUSTOMERS' TOTAL BILLS?**

5 A. Upon implementation, residential customers in both the Columbus Southern Power and
6 Ohio Power rate zones using 1,000 kWh of electricity per month will see an estimated
7 monthly rate increase of \$0.24. The following table illustrates the rate changes for select
8 residential, commercial, and industrial customers. The current column reflects rates as of
9 May 1, 2019. The proposed column reflects current rates adjusted to reflect estimated
10 rates at the start of gridSMART Phase 3 project.

Ohio Power Rate Zone		SSO Monthly Bills			Tariff
		Current	Proposed	Change	
Residential					
1,000 kWh usage		\$ 120.30	\$ 120.54	0.2%	RS
2,000 kWh usage		\$ 228.05	\$ 228.29	0.1%	RS
Small Business					
500 kW demand and 100,000 kWh usage		\$ 11,829.78	\$ 11,831.76	0.0%	GS-2
1,000 kW demand and 300,000 kWh usage		\$ 29,420.83	\$ 29,422.81	0.0%	GS-2 Primary
Industrial Business					
20,000 kW demand and 10,000,000 kWh		\$ 673,489.38	\$ 673,491.36	0.0%	GS- 4 Subtransmission
50,000 kW demand and 25,000,000 kWh		\$ 1,671,631.38	\$ 1,671,633.36	0.0%	GS- 4 Transmission
Columbus Southern Power Rate Zone					
		SSO Monthly Bills			Tariff
		Current	Proposed	Change	
Residential					
1,000 kWh usage		\$120.30	\$ 120.54	0.2%	RR
2,000 kWh usage		\$228.06	\$ 228.30	0.1%	RR
Small Business					
500 kW demand and 100,000 kWh usage		\$11,718.36	\$ 11,720.34	0.0%	GS-2 Secondary
1,000 kW demand and 300,000 kWh usage		\$28,617.18	\$ 28,619.16	0.0%	GS-2 Primary
Industrial Business					
20,000 kW demand and 10,000,000 kWh		\$674,273.79	\$ 674,275.77	0.0%	GS- 4 Transmission
50,000 kW demand and 25,000,000 kWh		\$1,672,421.79	\$ 1,672,423.77	0.0%	GS- 4 Transmission

1 In addition, Exhibit DRSL-1 shows the rate changes for SSO customers at various
2 “typical” monthly usage levels for each major tariff schedule.

3 **Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?**

4 A. Yes.

**Ohio Power Company
Typical Bill Comparison
gridSMART Phase 3 vs. Cycle 1 May 2019
Ohio Power Rate Zone**

<u>Tariff</u>	<u>kWh</u>	<u>KW</u>	<u>Current</u>	<u>Proposed</u>	<u>Difference</u>	<u>Difference</u>
Residential	100		\$23.32	\$23.56	\$0.24	1.0%
	250		\$39.48	\$39.72	\$0.24	0.6%
	500		\$66.46	\$66.70	\$0.24	0.4%
	750		\$93.36	\$93.60	\$0.24	0.3%
	1,000		\$120.30	\$120.54	\$0.24	0.2%
	1,500		\$174.21	\$174.45	\$0.24	0.1%
	2,000		\$228.05	\$228.29	\$0.24	0.1%
GS-1	375	3	\$55.90	\$57.88	\$1.98	3.5%
Secondary	1,000	3	\$101.74	\$103.72	\$1.98	2.0%
	750	6	\$83.40	\$85.38	\$1.98	2.4%
	2,000	6	\$175.07	\$177.05	\$1.98	1.1%
GS-2	1,500	12	\$265.48	\$267.46	\$1.98	0.8%
	4,000	12	\$427.37	\$429.35	\$1.98	0.5%
	6,000	30	\$750.04	\$752.02	\$1.98	0.3%
	10,000	30	\$1,008.73	\$1,010.71	\$1.98	0.2%
	10,000	40	\$1,116.14	\$1,118.12	\$1.98	0.2%
	14,000	40	\$1,374.85	\$1,376.83	\$1.98	0.1%
	12,500	50	\$1,385.24	\$1,387.22	\$1.98	0.1%
	18,000	50	\$1,739.27	\$1,741.25	\$1.98	0.1%
	15,000	75	\$1,815.44	\$1,817.42	\$1.98	0.1%
	30,000	100	\$3,045.65	\$3,047.63	\$1.98	0.1%
	36,000	100	\$3,430.35	\$3,432.33	\$1.98	0.1%
	30,000	150	\$3,582.66	\$3,584.64	\$1.98	0.1%
	60,000	300	\$7,117.14	\$7,119.12	\$1.98	0.0%
	90,000	300	\$9,040.60	\$9,042.58	\$1.98	0.0%
	100,000	500	\$11,829.78	\$11,831.76	\$1.98	0.0%
150,000	500	\$15,035.52	\$15,037.50	\$1.98	0.0%	
180,000	500	\$16,958.97	\$16,960.95	\$1.98	0.0%	
GS-3 Secondary	18,000	50	\$1,739.27	\$1,741.25	\$1.98	0.1%
	30,000	75	\$2,777.14	\$2,779.12	\$1.98	0.1%
	50,000	75	\$4,059.45	\$4,061.43	\$1.98	0.1%
	36,000	100	\$3,430.35	\$3,432.33	\$1.98	0.1%
	30,000	150	\$3,582.66	\$3,584.64	\$1.98	0.1%
	60,000	150	\$5,506.11	\$5,508.09	\$1.98	0.0%
	100,000	150	\$8,070.72	\$8,072.70	\$1.98	0.0%
	120,000	300	\$10,964.06	\$10,966.04	\$1.98	0.0%
	150,000	300	\$12,887.49	\$12,889.47	\$1.98	0.0%
	200,000	300	\$16,093.25	\$16,095.23	\$1.98	0.0%
	180,000	500	\$16,958.97	\$16,960.95	\$1.98	0.0%
	200,000	500	\$18,241.28	\$18,243.26	\$1.98	0.0%
325,000	500	\$26,255.67	\$26,257.65	\$1.98	0.0%	
GS-2 Primary	200,000	1,000	\$23,272.64	\$23,274.62	\$1.98	0.0%
	300,000	1,000	\$29,420.83	\$29,422.81	\$1.98	0.0%
GS-3 Primary	360,000	1,000	\$33,109.74	\$33,111.72	\$1.98	0.0%
	400,000	1,000	\$35,569.02	\$35,571.00	\$1.98	0.0%
	650,000	1,000	\$50,939.49	\$50,941.47	\$1.98	0.0%
GS-2 Subtransmission	1,500,000	5,000	\$117,855.58	\$117,857.56	\$1.98	0.0%
GS-3 Subtransmission	2,500,000	5,000	\$174,418.38	\$174,420.36	\$1.98	0.0%
	3,250,000	5,000	\$216,840.49	\$216,842.47	\$1.98	0.0%
GS-4 Subtransmission	3,000,000	10,000	\$227,649.78	\$227,651.76	\$1.98	0.0%
	5,000,000	10,000	\$340,775.38	\$340,777.36	\$1.98	0.0%
	6,500,000	10,000	\$425,619.58	\$425,621.56	\$1.98	0.0%
	10,000,000	20,000	\$673,489.38	\$673,491.36	\$1.98	0.0%
	13,000,000	20,000	\$843,177.78	\$843,179.76	\$1.98	0.0%
GS-4 Transmission	25,000,000	50,000	\$1,671,631.38	\$1,671,633.36	\$1.98	0.0%
	32,500,000	50,000	\$2,095,852.38	\$2,095,854.36	\$1.98	0.0%

* Typical bills assume 100% Power Factor

	Residential	Non-Residential
As of May 2019	0.73	6.00

New	Residential	Non-Residential
Year 1	0.24	1.98

Proposed	Residential	Non-Residential
Year 1	0.97	7.98

**Ohio Power Company
Typical Bill Comparison
gridSMART Phase 3 vs. Cycle 1 May 2019
Columbus Southern Power Rate Zone**

Tariff	kWh	KW	Current	Proposed	Difference	Difference
\$						
<u>Residential</u>						
RR1 Annual	100		\$23.32	\$23.56	\$0.24	1.0%
	250		\$39.48	\$39.72	\$0.24	0.6%
	500		\$66.45	\$66.69	\$0.24	0.4%
RR Annual	750		\$93.36	\$93.60	\$0.24	0.3%
	1,000		\$120.30	\$120.54	\$0.24	0.2%
	1,500		\$174.21	\$174.45	\$0.24	0.1%
	2,000		\$228.06	\$228.30	\$0.24	0.1%
GS-1	375	3	\$53.81	\$55.79	\$1.98	3.7%
	1,000	3	\$111.06	\$113.04	\$1.98	1.8%
	750	6	\$88.17	\$90.15	\$1.98	2.3%
	2,000	6	\$202.63	\$204.61	\$1.98	1.0%
GS-2 Secondary	1,500	12	\$243.46	\$245.44	\$1.98	0.8%
	4,000	12	\$405.35	\$407.33	\$1.98	0.5%
	6,000	30	\$724.72	\$726.70	\$1.98	0.3%
	10,000	30	\$983.40	\$985.38	\$1.98	0.2%
	10,000	40	\$1,088.97	\$1,090.95	\$1.98	0.2%
	14,000	40	\$1,347.68	\$1,349.66	\$1.98	0.2%
	12,500	50	\$1,356.24	\$1,358.22	\$1.98	0.2%
	18,000	50	\$1,710.28	\$1,712.26	\$1.98	0.1%
	15,000	75	\$1,781.87	\$1,783.85	\$1.98	0.1%
	30,000	150	\$3,535.34	\$3,537.32	\$1.98	0.1%
	60,000	300	\$7,042.35	\$7,044.33	\$1.98	0.0%
	100,000	500	\$11,718.36	\$11,720.34	\$1.98	0.0%
GS-2 Primary	100,000	1,000	\$16,320.80	\$16,322.78	\$1.98	0.0%
GS-3 Secondary	30,000	75	\$2,743.58	\$2,745.56	\$1.98	0.1%
	50,000	75	\$4,025.89	\$4,027.87	\$1.98	0.1%
	30,000	100	\$3,007.49	\$3,009.47	\$1.98	0.1%
	36,000	100	\$3,392.19	\$3,394.17	\$1.98	0.1%
	60,000	150	\$5,458.79	\$5,460.77	\$1.98	0.0%
	100,000	150	\$8,023.40	\$8,025.38	\$1.98	0.0%
	90,000	300	\$8,965.80	\$8,967.78	\$1.98	0.0%
	120,000	300	\$10,889.26	\$10,891.24	\$1.98	0.0%
	150,000	300	\$12,812.70	\$12,814.68	\$1.98	0.0%
	200,000	300	\$16,018.45	\$16,020.43	\$1.98	0.0%
	150,000	500	\$14,924.11	\$14,926.09	\$1.98	0.0%
	180,000	500	\$16,847.55	\$16,849.53	\$1.98	0.0%
	200,000	500	\$18,129.86	\$18,131.84	\$1.98	0.0%
325,000	500	\$26,144.25	\$26,146.23	\$1.98	0.0%	
GS-3 Primary	300,000	1,000	\$28,617.18	\$28,619.16	\$1.98	0.0%
	360,000	1,000	\$32,306.09	\$32,308.07	\$1.98	0.0%
	400,000	1,000	\$34,765.37	\$34,767.35	\$1.98	0.0%
	650,000	1,000	\$50,135.84	\$50,137.82	\$1.98	0.0%
GS-4	1,500,000	5,000	\$118,645.99	\$118,647.97	\$1.98	0.0%
	2,500,000	5,000	\$175,208.79	\$175,210.77	\$1.98	0.0%
	3,250,000	5,000	\$217,630.89	\$217,632.87	\$1.98	0.0%
	3,000,000	10,000	\$228,440.19	\$228,442.17	\$1.98	0.0%
	5,000,000	10,000	\$341,565.79	\$341,567.77	\$1.98	0.0%
	6,500,000	10,000	\$426,409.99	\$426,411.97	\$1.98	0.0%
	6,000,000	20,000	\$448,022.59	\$448,024.57	\$1.98	0.0%
	10,000,000	20,000	\$674,273.79	\$674,275.77	\$1.98	0.0%
	13,000,000	20,000	\$843,968.19	\$843,970.17	\$1.98	0.0%
	15,000,000	50,000	\$1,106,793.79	\$1,106,795.77	\$1.98	0.0%
	25,000,000	50,000	\$1,672,421.79	\$1,672,423.77	\$1.98	0.0%
	32,500,000	50,000	\$2,096,642.79	\$2,096,644.77	\$1.98	0.0%

* Typical bills assume 100% Power Factor

	Residential	Non-Residential
As of May 2019	0.73	6.00

New	Residential	Non-Residential
Year 1	0.24	1.98

Proposed	Residential	Non-Residential
Year 1	0.97	7.98

gridSMART Phase 3

Monthly Rate Impact \$		
	Residential	Non-Residential
Year 1	0.24	1.98
Year 2	0.68	5.59
Year 3	1.22	10.08
Year 4	1.67	13.76
Year 5	2.00	16.43
Year 6	2.26	18.60
Year 7	2.48	20.42
Year 8	2.69	22.09
Year 9	2.88	23.72
Year 10	3.08	25.38
Year 11	3.27	26.91
Year 12	2.72	22.37
Year 13	2.65	21.78
Year 14	2.55	20.95
Year 15	2.45	20.13

YEAR 1

gridSMART Phase 3

<u>gridSMART</u> <u>Incremental Investment</u>	Estimated gridSMART Spending	Annual Carrying Charge	gridSMART Revenue Requirement
Total O&M	\$ 6,336,546		\$ 6,336,546
Capital - AMI		\$ 1,171,597	\$ 1,171,597
Capital - VVO		\$ 121,480	\$ 121,480
Capital - DACR		\$ 150,576	\$ 150,576
Capital - Fiber		\$ 37,302	\$ 37,302
Capital - Sensors		\$ 276,910	\$ 276,910
Capital - Its Your Power		\$ 39,275	\$ 39,275
Capital - EDI		\$ 13,839	\$ 13,839
Capital - IVVO		\$ 14,409	\$ 14,409
Capital - D-SCADA		\$ 59,752	\$ 59,752
		Total	\$ 8,221,687
		Tax Gross Up Rate	<u>100.679%</u>
		Total Revenue Requirement	\$ 8,277,530.00
		Total Revenue Requirement	<u><u>\$ 8,277,530.00</u></u>
Residential Base Distribution	45%	Residential Revenue Requirement	\$ 3,724,889
Non-Res Base Distribution	55%	Non-Res Revenue Requirement	\$ 4,552,642
		Residential Customers	1,292,342
		Non-Residential Customers	191,980
		Residential Customers	Monthly Rate \$ 0.24
		Non-Residential Customers	Monthly Rate \$ 1.98

YEAR 2

gridSMART Phase 3

gridSMART Incremental Investment	Estimated		gridSMART	
	gridSMART Spending	Annual Carrying Charge	Revenue Requirement	
Total O&M	\$ 10,328,336		\$ 10,328,336	
Capital - AMI		\$ 5,109,597	\$ 5,109,597	
Capital - VVO		\$ 2,270,595	\$ 2,270,595	
Capital - DACR		\$ 2,827,980	\$ 2,827,980	
Capital - Fiber		\$ 698,136	\$ 698,136	
Capital - Sensors		\$ 632,405	\$ 632,405	
Capital - Its Your Power		\$ -	\$ -	
Capital - EDI		\$ 254,497	\$ 254,497	
Capital - IVVO		\$ -	\$ -	
Capital - D-SCADA		\$ 1,125,128	\$ 1,125,128	
		Total	\$ 23,246,673	
		Tax Gross Up Rate	100.679%	
		Revenue Requirement	\$ 23,404,569.07	
		Total Revenue Requirement	<u>\$ 23,404,569.07</u>	
Residential Base Distribution	45%	Residential Revenue Requirement	\$ 10,532,056	
Non-Res Base Distribution	55%	Non-Res Revenue Requirement	\$ 12,872,513	
		Residential Customers	1,292,342	8.15
		Non-Residential Customers	191,980	67.05
		Residential Customers	Monthly Rate \$	0.68
		Non-Residential Customers	Monthly Rate \$	5.59

YEAR 3

gridSMART Phase 3

gridSMART Incremental Investment	Estimated		gridSMART	
	gridSMART Spending	Annual Carrying Charge	Revenue Requirement	
Total O&M	\$ 14,652,650		\$ 14,652,650	
Capital - AMI		\$ 10,451,210	\$ 10,451,210	
Capital - VVO		\$ 4,990,774	\$ 4,990,774	
Capital - DACR		\$ 6,283,723	\$ 6,283,723	
Capital - Fiber		\$ 1,556,864	\$ 1,556,864	
Capital - Sensors		\$ 863,102	\$ 863,102	
Capital - Its Your Power		\$ 176,825	\$ 176,825	
Capital - EDI		\$ 178,776	\$ 178,776	
Capital - IVVO		\$ 200,002	\$ 200,002	
Capital - D-SCADA		\$ 2,562,273	\$ 2,562,273	
		Total	\$ 41,916,198	
		Tax Gross Up Rate	<u>100.679%</u>	
		Revenue Requirement	\$ 42,200,902.31	
		Total Revenue Requirement	<u>\$ 42,200,902.31</u>	
Residential Base Distribution	45%	Residential Revenue Requirement	\$ 18,990,406	
Non-Res Base Distribution	55%	Non-Res Revenue Requirement	\$ 23,210,496	
		Residential Customers	1,292,342	14.69
		Non-Residential Customers	191,980	120.9
		Residential Customers	Monthly Rate \$	1.22
		Non-Residential Customers	Monthly Rate \$	10.08

YEAR 4

gridSMART Phase 3

gridSMART Incremental Investment	Estimated		gridSMART
	gridSMART Spending	Annual Carrying Charge	Revenue Requirement
Total O&M	\$ 17,732,673		\$ 17,732,673
Capital - AMI		\$ 13,723,240	\$ 13,723,240
Capital - VVO		\$ 7,766,747	\$ 7,766,747
Capital - DACR		\$ 9,945,530	\$ 9,945,530
Capital - Fiber		\$ 2,389,653	\$ 2,389,653
Capital - Sensors		\$ 1,083,465	\$ 1,083,465
Capital - Its Your Power		\$ 241,046	\$ 241,046
Capital - EDI		\$ 162,369	\$ 162,369
Capital - IVVO		\$ 194,012	\$ 194,012
Capital - D-SCADA		\$ 3,994,870	\$ 3,994,870
		Total	\$ 57,233,606
		Tax Gross Up Rate	100.679%
		Revenue Requirement	\$ 57,622,349.36
		Total Revenue Requirement	<u>\$ 57,622,349.36</u>
Residential Base Distribution	45%	Residential Revenue Requirement	\$ 25,930,057
Non-Res Base Distribution	55%	Non-Res Revenue Requirement	\$ 31,692,292
		Residential Customers	1,292,342
		Non-Residential Customers	191,980
		Residential Customers	Monthly Rate \$ 1.67
		Non-Residential Customers	Monthly Rate \$ 13.76

YEAR 5

gridSMART Phase 3

gridSMART

Incremental Investment

	Estimated		gridSMART	
	gridSMART Spending	Annual Carrying Charge	Revenue Requirement	
Total O&M	\$ 20,056,072		\$ 20,056,072	
Capital - AMI		\$ 14,070,273	\$ 14,070,273	
Capital - VVO		\$ 10,456,121	\$ 10,456,121	
Capital - DACR		\$ 13,205,950	\$ 13,205,950	
Capital - Fiber		\$ 3,196,089	\$ 3,196,089	
Capital - Sensors		\$ 1,293,340	\$ 1,293,340	
Capital - Its Your Power		\$ 302,170	\$ 302,170	
Capital - EDI		\$ 145,962	\$ 145,962	
Capital - IVVO		\$ 188,022	\$ 188,022	
Capital - D-SCADA		\$ 5,442,791	\$ 5,442,791	
		Total Revenue Requirement	\$ 68,356,790	
		Tax Gross Up Rate	100.679%	
		Revenue Requirement	\$ 68,821,083.79	
		Total Revenue Requirement	<u>\$ 68,821,083.79</u>	
Residential Base Distribution	45%	Residential Revenue Requirement	\$ 30,969,488	
Non-Res Base Distribution	55%	Non-Res Revenue Requirement	\$ 37,851,596	
		Residential Customers	1,292,342	23.96
		Non-Residential Customers	191,980	197.16
		Residential Customers	Monthly Rate \$	2.00
		Non-Residential Customers	Monthly Rate \$	16.43

YEAR 6

gridSMART Phase 3

<u>gridSMART</u>	Estimated		gridSMART
<u>Incremental Investment</u>	<u>gridSMART Spending</u>	<u>Annual Carrying Charge</u>	<u>Revenue Requirement</u>
Total O&M	\$ 20,576,297		\$ 20,576,297
Capital - AMI		\$ 13,473,726	\$ 13,473,726
Capital - VVO		\$ 13,082,544	\$ 13,082,544
Capital - DACR		\$ 17,538,737	\$ 17,538,737
Capital - Fiber		\$ 3,975,750	\$ 3,975,750
Capital - Sensors		\$ 1,325,450	\$ 1,325,450
Capital - Its Your Power		\$ 317,841	\$ 317,841
Capital - EDI		\$ 129,555	\$ 129,555
Capital - IVVO		\$ 182,032	\$ 182,032
Capital - D-SCADA		\$ 6,797,977	\$ 6,797,977
		Total Revenue Requirement	\$ 77,399,908
		Tax Gross Up Rate	<u>100.679%</u>
		Revenue Requirement	\$ 77,925,625.04
		Total Revenue Requirement	<u><u>\$ 77,925,625.04</u></u>
Residential Base Distribution	45%	Residential Revenue Requirement	\$ 35,066,531
Non-Res Base Distribution	55%	Non-Res Revenue Requirement	\$ 42,859,094
		Residential Customers	1,292,342
		Non-Residential Customers	191,980
		Residential Customers	Monthly Rate \$ 2.26
		Non-Residential Customers	Monthly Rate \$ 18.60

YEAR 7

gridSMART Phase 3

gridSMART

Incremental Investment

	Estimated		gridSMART
	gridSMART Spending	Annual Carrying Charge	Revenue Requirement
Total O&M	\$ 23,002,593		\$ 23,002,593
Capital - AMI		\$ 12,851,064	\$ 12,851,064
Capital - VVO		\$ 14,559,960	\$ 14,559,960
Capital - DACR		\$ 21,237,056	\$ 21,237,056
Capital - Fiber		\$ 4,728,206	\$ 4,728,206
Capital - Sensors		\$ 1,164,065	\$ 1,164,065
Capital - Its Your Power		\$ 296,923	\$ 296,923
Capital - EDI		\$ (14,827)	\$ (14,827)
Capital - IVVO		\$ 176,042	\$ 176,042
Capital - D-SCADA		\$ 6,950,386	\$ 6,950,386
		Total Revenue Requirement	\$ 84,951,469
		Tax Gross Up Rate	100.679%
		Revenue Requirement	\$ 85,528,477.14
		Total Revenue Requirement	<u>\$ 85,528,477.14</u>
Residential Base Distribution	45%	Residential Revenue Requirement	\$ 38,487,815
Non-Res Base Distribution	55%	Non-Res Revenue Requirement	\$ 47,040,662
		Residential Customers	1,292,342 29.78
		Non-Residential Customers	191,980 245.03
		Residential Customers	Monthly Rate \$ 2.48
		Non-Residential Customers	Monthly Rate \$ 20.42

YEAR 8

gridSMART Phase 3

gridSMART Incremental Investment	Estimated		gridSMART
	gridSMART Spending	Annual Carrying Charge	Revenue Requirement
Total O&M	\$ 25,265,791		\$ 25,265,791
Capital - AMI		\$ 12,131,781	\$ 12,131,781
Capital - VVO		\$ 15,896,479	\$ 15,896,479
Capital - DACR		\$ 24,942,907	\$ 24,942,907
Capital - Fiber		\$ 5,453,022	\$ 5,453,022
Capital - Sensors		\$ 1,087,239	\$ 1,087,239
Capital - Its Your Power		\$ 276,005	\$ 276,005
Capital - EDI		\$ -	\$ -
Capital - IVVO		\$ 170,052	\$ 170,052
Capital - D-SCADA		\$ 6,686,603	\$ 6,686,603
		Total Revenue Requirement	\$ 91,909,879
		Tax Gross Up Rate	100.679%
		Revenue Requirement	\$ 92,534,150.53
		Total Revenue Requirement	<u>\$ 92,534,150.53</u>
Residential Base Distribution	45%	Residential Revenue Requirement	\$ 41,640,368
Non-Res Base Distribution	55%	Non-Res Revenue Requirement	\$ 50,893,783
		Residential Customers	1,292,342
		Non-Residential Customers	191,980
		Residential Customers	Monthly Rate \$ 2.69
		Non-Residential Customers	Monthly Rate \$ 22.09

YEAR 9

gridSMART Phase 3

gridSMART Incremental Investment	Estimated		gridSMART
	gridSMART Spending	Annual Carrying Charge	Revenue Requirement
Total O&M	\$ 27,707,307		\$ 27,707,307
Capital - AMI		\$ 11,411,565	\$ 11,411,565
Capital - VVO		\$ 17,052,690	\$ 17,052,690
Capital - DACR		\$ 28,494,930	\$ 28,494,930
Capital - Fiber		\$ 6,149,755	\$ 6,149,755
Capital - Sensors		\$ 1,047,132	\$ 1,047,132
Capital - Its Your Power		\$ 255,087	\$ 255,087
Capital - EDI		\$ -	\$ -
Capital - IVVO		\$ 164,062	\$ 164,062
Capital - D-SCADA		\$ 6,401,098	\$ 6,401,098
		Total Revenue Requirement	\$ 98,683,626
		Tax Gross Up Rate	100.679%
		Revenue Requirement	\$ 99,353,906.68
		Total Revenue Requirement	<u>\$ 99,353,906.68</u>
Residential Base Distribution	45%	Residential Revenue Requirement	\$ 44,709,258
Non-Res Base Distribution	55%	Non-Res Revenue Requirement	\$ 54,644,649
		Residential Customers	1,292,342 34.6
		Non-Residential Customers	191,980 284.64
		Residential Customers	Monthly Rate \$ 2.88
		Non-Residential Customers	Monthly Rate \$ 23.72

YEAR 10

gridSMART Phase 3

gridSMART

Incremental Investment

	Estimated		gridSMART
	gridSMART Spending	Annual Carrying Charge	Revenue Requirement
Total O&M	\$ 30,060,400		\$ 30,060,400
Capital - AMI		\$ 10,689,405	\$ 10,689,405
Capital - VVO		\$ 18,219,304	\$ 18,219,304
Capital - DACR		\$ 32,232,974	\$ 32,232,974
Capital - Fiber		\$ 6,817,952	\$ 6,817,952
Capital - Sensors		\$ 1,007,026	\$ 1,007,026
Capital - Its Your Power		\$ 234,169	\$ 234,169
Capital - EDI		\$ -	\$ -
Capital - IVVO		\$ 158,072	\$ 158,072
Capital - D-SCADA		\$ 6,157,236	\$ 6,157,236
		Total Revenue Requirement	\$ 105,576,539
		Tax Gross Up Rate	<u>100.679%</u>
		Revenue Requirement	\$ 106,293,637.55
		Total Revenue Requirement	<u>\$ 106,293,637.55</u>
Residential Base Distribution	45%	Residential Revenue Requirement	\$ 47,832,137
Non-Res Base Distribution	55%	Non-Res Revenue Requirement	\$ 58,461,501
		Residential Customers	1,292,342 37.01
		Non-Residential Customers	191,980 304.52
		Residential Customers	Monthly Rate \$ 3.08
		Non-Residential Customers	Monthly Rate \$ 25.38

YEAR 11

gridSMART Phase 3

<u>gridSMART</u>	Estimated		gridSMART
<u>Incremental Investment</u>	<u>gridSMART Spending</u>	<u>Annual Carrying Charge</u>	<u>Revenue Requirement</u>
Total O&M	\$ 32,103,712		\$ 32,103,712
Capital - AMI		\$ 10,082,076	\$ 10,082,076
Capital - VVO		\$ 19,316,593	\$ 19,316,593
Capital - DACR		\$ 35,615,008	\$ 35,615,008
Capital - Fiber		\$ 7,448,855	\$ 7,448,855
Capital - Sensors		\$ 1,077,413	\$ 1,077,413
Capital - Its Your Power		\$ 213,251	\$ 213,251
Capital - EDI		\$ -	\$ -
Capital - IVVO		\$ 152,082	\$ 152,082
Capital - D-SCADA		\$ 5,934,953	\$ 5,934,953
		Total Revenue Requirement	\$ 111,943,943
		Tax Gross Up Rate	<u>100.679%</u>
		Revenue Requirement	\$ 112,704,290.23
		Total Revenue Requirement	<u><u>\$ 112,704,290.23</u></u>
Residential Base Distribution	45%	Residential Revenue Requirement	\$ 50,716,931
Non-Res Base Distribution	55%	Non-Res Revenue Requirement	\$ 61,987,360
		Residential Customers	1,292,342
		Non-Residential Customers	191,980
		Residential Customers	Monthly Rate \$ 3.27
		Non-Residential Customers	Monthly Rate \$ 26.91

YEAR 12

gridSMART Phase 3

gridSMART Incremental Investment	Estimated		gridSMART
	gridSMART Spending	Annual Carrying Charge	Revenue Requirement
Total O&M	\$ 8,716,700		\$ 8,716,700
Capital - AMI		\$ 9,447,669	\$ 9,447,669
Capital - VVO		\$ 20,481,854	\$ 20,481,854
Capital - DACR		\$ 39,543,706	\$ 39,543,706
Capital - Fiber		\$ 7,875,094	\$ 7,875,094
Capital - Sensors		\$ 936,613	\$ 936,613
Capital - Its Your Power		\$ 192,333	\$ 192,333
Capital - EDI		\$ -	\$ -
Capital - IVVO		\$ 146,092	\$ 146,092
Capital - D-SCADA		\$ 5,735,770	\$ 5,735,770
		Total Revenue Requirement	\$ 93,075,831
		Tax Gross Up Rate	100.679%
		Revenue Requirement	\$ 93,708,022.41
		Total Revenue Requirement	<u>\$ 93,708,022.41</u>
Residential Base Distribution	45%	Residential Revenue Requirement	\$ 42,168,610
Non-Res Base Distribution	55%	Non-Res Revenue Requirement	\$ 51,539,412
		Residential Customers	1,292,342
		Non-Residential Customers	191,980
		Residential Customers	Monthly Rate \$ 2.72
		Non-Residential Customers	Monthly Rate \$ 22.37

YEAR 13

gridSMART Phase 3

gridSMART

Incremental Investment

	Estimated		gridSMART
	gridSMART Spending	Annual Carrying Charge	Revenue Requirement
Total O&M	\$ 8,874,757		\$ 8,874,757
Capital - AMI		\$ 8,708,908	\$ 8,708,908
Capital - VVO		\$ 19,164,091	\$ 19,164,091
Capital - DACR		\$ 39,585,874	\$ 39,585,874
Capital - Fiber		\$ 7,618,383	\$ 7,618,383
Capital - Sensors		\$ 886,707	\$ 886,707
Capital - Its Your Power		\$ 171,416	\$ 171,416
Capital - EDI		\$ -	\$ -
Capital - IVVO		\$ 140,102	\$ 140,102
Capital - D-SCADA		\$ 5,459,013	\$ 5,459,013
		Total Revenue Requirement	\$ 90,609,250
		Tax Gross Up Rate	100.679%
		Revenue Requirement	\$ 91,224,687.36
		Total Revenue Requirement	<u>\$ 91,224,687.36</u>
Residential Base Distribution	45%	Residential Revenue Requirement	\$ 41,051,109
Non-Res Base Distribution	55%	Non-Res Revenue Requirement	\$ 50,173,578
		Residential Customers	1,292,342
		Non-Residential Customers	191,980
		Residential Customers	Monthly Rate \$ 2.65
		Non-Residential Customers	Monthly Rate \$ 21.78

YEAR 14

gridSMART Phase 3

gridSMART

Incremental Investment

	Estimated		gridSMART
	gridSMART Spending	Annual Carrying Charge	Revenue Requirement
Total O&M	\$ 9,035,855		\$ 9,035,855
Capital - AMI		\$ 7,968,077	\$ 7,968,077
Capital - VVO		\$ 18,475,464	\$ 18,475,464
Capital - DACR		\$ 38,257,394	\$ 38,257,394
Capital - Fiber		\$ 7,143,541	\$ 7,143,541
Capital - Sensors		\$ 846,601	\$ 846,601
Capital - Its Your Power		\$ 64,090	\$ 64,090
Capital - EDI		\$ -	\$ -
Capital - IVVO		\$ 134,112	\$ 134,112
Capital - D-SCADA		\$ 5,226,273	\$ 5,226,273
		Total Revenue Requirement	\$ 87,151,406
		Tax Gross Up Rate	<u>100.679%</u>
		Revenue Requirement	\$ 87,743,357.51
		Total Revenue Requirement	<u>\$ 87,743,357.51</u>
Residential Base Distribution	45%	Residential Revenue Requirement	\$ 39,484,511
Non-Res Base Distribution	55%	Non-Res Revenue Requirement	\$ 48,258,847
		Residential Customers	1,292,342
		Non-Residential Customers	191,980
		Residential Customers	Monthly Rate \$ 2.55
		Non-Residential Customers	Monthly Rate \$ 20.95

YEAR 15

gridSMART Phase 3

gridSMART

Incremental Investment

	Estimated		gridSMART	
	gridSMART Spending	Annual Carrying Charge	Revenue Requirement	
Total O&M	\$ 9,200,568		\$ 9,200,568	
Capital - AMI		\$ 7,225,397	\$ 7,225,397	
Capital - VVO		\$ 17,786,837	\$ 17,786,837	
Capital - DACR		\$ 36,928,915	\$ 36,928,915	
Capital - Fiber		\$ 6,668,699	\$ 6,668,699	
Capital - Sensors		\$ 806,495	\$ 806,495	
Capital - Its Your Power		\$ -	\$ -	
Capital - EDI		\$ -	\$ -	
Capital - IVVO		\$ 128,122	\$ 128,122	
Capital - D-SCADA		\$ 4,993,532	\$ 4,993,532	
		Total Revenue Requirement	\$ 83,738,564	
		Tax Gross Up Rate	100.679%	
		Revenue Requirement	\$ 84,307,334.78	
		Total Revenue Requirement	<u>\$ 84,307,334.78</u>	
Residential Base Distribution	45%	Residential Revenue Requirement	\$ 37,938,301	
Non-Res Base Distribution	55%	Non-Res Revenue Requirement	\$ 46,369,034	
		Residential Customers	1,292,342	29.36
		Non-Residential Customers	191,980	241.53
		Residential Customers	Monthly Rate \$	2.45
		Non-Residential Customers	Monthly Rate \$	20.13

OHIO POWER COMPANY

10th 8th Revised Sheet No. 485-1
Cancels 9th 7th Revised Sheet No. 485-1

P.U.C.O. NO. 20

gridSMART PHASE 2 RIDER

Effective with the first billing cycle of January 2021 ~~March 2019~~, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the monthly gridSMART Phase 2 charge. This rider shall be adjusted periodically to recover amounts authorized by the Commission. This Rider is subject to reconciliation, including, but not limited to, refunds to customers, based upon the impact to the carrying charge rate recovered through this Rider ~~of changes in Federal corporate income taxes due to the Tax Cuts and Jobs Act of 2017~~ or based upon the results of audits ordered by the Commission in accordance with the ~~February 1, 2017~~ Opinion and Order dated _____ in Case No. 19-1475-EL-RDR ~~13-1939-EL-RDR~~.

Residential Customers	\$0.97 \$0.73
Non-Residential	\$7.98 \$6.00

Filed pursuant to Order dated _____ ~~April 25, 2018~~ in Case No. 19-1475-EL-RDR ~~16-1852-EL-SSO~~

Issued: _____ ~~January 29, 2019~~

Effective: Cycle 1 January 2021 ~~March 2019~~

Issued by
Raja Sundararajan, President
AEP Ohio

OHIO POWER COMPANY

10th 8th Revised Sheet No. 485-1D
Cancels 9th 7th Revised Sheet No. 485-1D

P.U.C.O. NO. 20

OAD – gridSMART PHASE 2 RIDER
(Open Access Distribution – gridSMART Phase 2 Rider)

Effective with the first billing cycle of January 2021 ~~March 2019~~, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the monthly gridSMART Phase 2 charge. This rider shall be adjusted periodically to recover amounts authorized by the Commission. This Rider is subject to reconciliation, including, but not limited to, refunds to customers, based upon the impact to the carrying charge rate recovered through this Rider ~~of changes in Federal corporate income taxes due to the Tax Cuts and Jobs Act of 2017~~ or based upon the results of audits ordered by the Commission in accordance with the ~~February 1, 2017~~ Opinion and Order dated _____ in Case No. 19-1475-EL-RDR ~~13-1939-EL-RDR~~.

Residential Customers	\$0.97 \$0.73
Non-Residential	\$7.98 \$6.00

Filed pursuant to Order dated _____ ~~April 25, 2018~~ in Case No. 19-1475-EL-RDR ~~16-1852-EL-SSO~~

Issued: _____ ~~January 29, 2019~~

Effective: Cycle 1 January 2021 ~~March 2019~~

Issued by
Raja Sundararajan, President
AEP Ohio

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in

Case No(s). 19-1475-EL-RDR

Summary: Testimony - Direct Testimony of Dona R Seger-Lawson on Behalf of Ohio Power Company electronically filed by Mr. Steven T Nourse on behalf of Ohio Power Company