



An AEP Company

BOUNDLESS ENERGY™

**Legal Department**

**American Electric Power**  
1 Riverside Plaza  
Columbus, OH 43215-2373  
AEP.com

February 26, 2021

Tanowa Troupe  
Docketing Division  
Public Utilities Commission of Ohio  
180 East Broad Street  
Columbus Ohio 43215-3793

Re: *Ohio Power Company*, Case No. 89-6007-EL-TRF

**Steven T. Nourse**  
Vice President – Legal  
(614) 716-1608 (P)  
(614) 716-2014 (F)  
stnourse@aep.com

Dear Ms. Troupe:

Enclosed are Ohio Power Company's updated tariffs, which are effective with the first billing cycle of March 2021.

Thank you for your attention to this matter.

Respectfully Submitted,

/s/ *Steven T. Nourse*

## TABLE OF CONTENTS

Schedule		Sheet No(s)	Effective Date
	<b>Ohio Power &amp; Columbus Southern Power Rate Zones</b>		
	Table of Contents	101-1 thru 101-3	Cycle 1 March 2021
	List of Communities Served	102-1 thru 102-9	January 1, 2012
	Terms and Conditions of Service	103-1 thru 103-48	April 19, 2017
	Applicable Riders	104-1	Cycle 1 February 2021
	<b>Ohio Power Rate Zone</b>		
RS	Residential Service	210-1 thru 210-3	June 1, 2015
RS-ES	Residential Energy Storage	211-1 thru 211-2	June 1, 2015
RS-TOD	Residential Time-of-Day	212-1 thru 212-2	June 1, 2015
RDMS	Residential Demand Metered Service	213-1 thru 213-2	June 1, 2015
RSDM	Residential Service – Demand Metered	214-1 thru 214-2	Cycle 1 June 2018
GS-1	General Service – Non-Demand Metered	220-1 thru 220-3	June 1, 2015
GS-2	General Service - Low Load Factor	221-1 thru 221-5	June 1, 2015
GS-TOD	General Service – Time-of-Day	222-1 thru 222-2	June 1, 2015
GS-3	General Service – Medium/High Load Factor	223-1 thru 223-4	June 1, 2015
GS-4	General Service – Large	224-1 thru 224-4	June 1, 2015
COGEN/SPP	Cogeneration and/or Small Power Production	226-1 thru 226-3	June 1, 2015
SBS	Standby Service	227-1 thru 227-2	June 1, 2015
	County and Independent Fairs	228-1 thru 228-2	February 1, 2020
AL	Area Lighting	240-1 thru 240-3	January 1, 2015
SL	Street Lighting	241-1 thru 241-7	January 1, 2015
EHG	Electric Heating General	242-1 thru 242-2	June 1, 2015
EHS	Electric Heating Schools	243-1 thru 243-2	June 1, 2015
SS	School Service	244-1 thru 244-2	June 1, 2015
	<b>Columbus Southern Power Rate Zone</b>		
R-R	Residential Service	310-1 thru 310-4	June 1, 2015
R-R-1	Residential Small Use Load Management	311-1 thru 311-4	June 1, 2015
RLM	Residential Optional Demand Rate	312-1 thru 312-4	June 1, 2015
RS-ES	Residential Energy Storage	313-1 thru 313-3	June 1, 2015
RS-TOD	Residential Time-of-Day	314-1 thru 314-2	June 1, 2015
RS-TOD 2	Experimental Residential Time-of-Day	315-1 thru 315-2	June 1, 2015
DLC Rider	Experimental Direct Load Control Rider	316-1 thru 316-4	Cycle 1 September 2012
CPP	Experimental Critical Peak Pricing Service	317-1 thru 317-3	June 1, 2015
RTP	Experimental Residential Real-Time Pricing Service	318-1 thru 318-3	June 1, 2015
RSDM	Residential Service – Demand Metered	319-1 thru 319-2	Cycle 1 June 2018
GS-1	General Service – Small	320-1 thru 320-3	June 1, 2015
GS-1 TOD	Experimental Small General Service Time-of-Day	320-4 thru 320-5	June 1, 2015
GS-2	General Service – Low Load Factor	321-1 thru 321-4	June 1, 2015
GS-2-TOD	General Service – Time-of-Day	322-1 thru 322-2	June 1, 2015
GS-3	General Service – Medium Load Factor	323-1 thru 323-4	June 1, 2015
GS-4	General Service – Large	324-1 thru 324-3	June 1, 2015
COGEN/SPP	Cogeneration and/or Small Power Production	326-1 thru 326-4	June 1, 2015

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## TABLE OF CONTENTS

SBS	Standby Service	327-1 thru 327-2	June 1, 2015
	County and Independent Fairs	328-1 thru 328-2	February 1, 2020
SL	Street Lighting	340-1 thru 340-4	January 1, 2015
AL	Private Area Lighting	341-1 thru 341-3	January 1, 2015
Supp. No. 18	Church and School Service	352-1	June 1, 2015
	<b>Ohio Power &amp; Columbus Southern Power Rate Zones</b>		
IRP-L	Interruptible Power Rider – Legacy Discretionary Rider	427-1 thru 427-3	Cycle 1 June 2018
GSP	Generation Station Power	427-5 thru 427-6	March 13, 2019
NEMS	Net Energy Metering Service	428-1 thru 428-2	January 1, 2012
NEMS-H	Net Energy Metering Service - Hospitals	429-1 thru 429-2	January 1, 2012
PEV	Pilot Plug-In Electric Vehicles	430-1	Cycle 1 June 2018
PA	Pole Attachment	443-1 thru 443-3	April 12, 2017
Supp. No. 21	Public Authority – Delayed Payment	453-1	January 1, 2012
CFTS	County Fair Transmission Supplement	454-1	Cycle 1 June 2018
	Universal Service Fund Rider	460-1	Cycle 1 January 2021
	Bad Debt Rider	461-1	Cycle 1 June 2018
	KWH Tax Rider	462-1	January 1, 2012
	Residential Distribution Credit Rider	463-1	Cycle 1 June 2018
	Pilot Throughput Balancing Adjustment Rider	464-1	July 1, 2020
	Automaker Credit Rider	466-1	Cycle 1 June 2018
	Generation Energy Rider	467-1	June 1, 2020
	Generation Capacity Rider	468-1 thru 468-2	June 1, 2020
	Auction Cost Reconciliation Rider	469-1	Cycle 1 January 2021
	Electronic Transfer Rider	470-1	January 1, 2012
	Retail Reconciliation Rider	471-1	Cycle 1 June 2018
	SSO Credit Rider	472-1	Cycle 1 June 2018
	Power Purchase Agreement Rider	473-1	January 1, 2020
	Basic Transmission Cost Rider	474-1	Cycle 1 April 2020
	Pilot Demand Response Rider	480-1	Cycle 1 June 2018
	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	481-1	January 1, 2021
	Economic Development Cost Recovery Rider	482-1	Cycle 1 October 2020
	Enhanced Service Reliability Rider	483-1	Cycle 1 January 2021
	gridSMART Phase 2 Rider	485-1	Cycle 1 March 2021
	Distribution Investment Rider	489-1	Cycle 1 March 2021
	Storm Damage Recovery Rider	490-1	Cycle 1 June 2020
	Renewable Generation Rider	491-1	Cycle 1 June 2018
	Alternative Energy Rider	492-1	Cycle 1 October 2020
	Power Forward Rider	493-1	Cycle 1 June 2018

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## TABLE OF CONTENTS

	Smart City Rider	495-1	Cycle 1 March 2021
IRP-E	Interruptible Power Rider – Expanded Service Discretionary Rider	496-1 thru 496-2	Cycle 1 June 2018
	Tax Savings Credit Rider	497-1	Cycle 1 January 2020
	Legacy Generation Resource Rider	498-1	January 1, 2021

Filed pursuant to Order dated April 25, 2018 in Case No. 16-1852-EL-SSO.

Issued: February 26, 2021

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Rajagopalan Sundararajan, President  
AEP Ohio

Effective: Cycle 1 March 2021

P.U.C.O. NO. 20

## gridSMART PHASE 2 RIDER

Effective with the first billing cycle of March 2021, 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 in Case No. 13-1939-EL-RDR.

Residential Customers	\$1.65
Non-Residential	\$14.64

Filed pursuant to Order dated April 25, 2018 in Case No. 16-1852-EL-SSO

Issued: January 29, 2021

Effective: Cycle 1 March 2021

Issued by  
Rajagopalan Sundararajan, President  
AEP Ohio

P.U.C.O. NO. 20

DISTRIBUTION INVESTMENT RIDER

Effective Cycle 1 March 2021, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Distribution Investment Rider charge of 45.51414% of the customer's distribution charges under the Company's Schedules, excluding charges under any applicable Riders. 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 25, 2015 Opinion and Order in Case Nos. 13-2385-EL-SSO, et al.

Filed pursuant to order dated April 25, 2018 in Case No. 16-1852-EL-SSO

Issued: December 22, 2020

Effective: Cycle 1 March 2021

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Rajagopalan Sundararajan, President  
AEP Ohio

## P.U.C.O. NO. 20

## SMART CITY RIDER

Effective Cycle 1 March 2021, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the monthly Smart City Rider 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 results of audits ordered by the Commission in accordance with the April 25, 2018 Opinion and Order in Case No. 16-1852-EL-SSO.

Residential Customers	\$0.34/month
Non-Residential Customers	\$1.36/month

Filed pursuant to Order dated April 25, 2018 in Case No. 16-1852-EL-SSO

Issued: January 29, 2021

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AEP Ohio

Effective: Cycle 1 March 2021

## P.U.C.O. NO. 20

## TABLE OF CONTENTS

Schedule		Sheet No(s)	Effective Date
	<b>Ohio Power &amp; Columbus Southern Power Rate Zones</b>		
	Cross Reference	101-1D thru 101-3D	Cycle 1 February 2021
	Table of Contents	101-4D thru 101-6D	Cycle 1 March 2021
	List of Communities Served	102-1D thru 102-9D	January 1, 2012
	Terms and Conditions of Service	103-1D thru 103-84D	May 3, 2019
	Applicable Riders	104-1D thru 104-2D	Cycle 1 February 2021
	<b>Ohio Power Rate Zone</b>		
OAD-RS	Residential Service	210-1D thru 210-4D	June 1, 2015
OAD-RSDM	Residential Service – Demand Metered	214-1D thru 214-2D	Cycle 1 June 2018
OAD-GS-1	General Service – Non-Demand Metered	220-1D thru 220-3D	June 1, 2015
OAD-GS-2	General Service - Low Load Factor	221-1D thru 221-5D	June 1, 2015
OAD-GS-3	General Service – Medium/High Load Factor	223-1D thru 223-4D	June 1, 2015
OAD-GS-4	General Service – Large	224-1D thru 224-4D	June 1, 2015
OAD-SBS	Standby Service	227-1D thru 227-2D	June 1, 2015
	County and Independent Fairs	228-1D thru 228-2D	February 1, 2020
OAD-AL	Area Lighting	240-1D thru 240-4D	January 1, 2012
OAD-SL	Street Lighting	241-1D thru 241-6D	January 1, 2012
OAD-EHG	Electric Heating General	242-1D thru 242-3D	June 1, 2015
OAD-EHS	Electric Heating Schools	243-1D thru 243-2D	June 1, 2015
OAD-SS	School Service	244-1D thru 244-2D	June 1, 2015
	<b>Columbus Southern Power Rate Zone</b>		
OAD-R-R	Residential Service	310-1D thru 310-4D	June 1, 2015
OAD-RR1	Residential Small Use Load Management Service	311-1D thru 311-5D	June 1, 2015
OAD-RSDM	Residential Service – Demand Metered	319-1D thru 319-2D	Cycle 1 June 2018
OAD-GS-1	General Service – Small	320-1D thru 320-3D	June 1, 2015
OAD-GS-2	General Service – Low Load Factor	321-1D thru 321-4D	June 1, 2015
OAD-GS-3	General Service – Medium Load Factor	323-1D thru 323-4D	June 1, 2015
OAD-GS-4	General Service – Large	324-1D thru 324-3D	June 1, 2015
OAD-SBS	Standby Service	327-1D thru 327-2D	June 1, 2015
	County and Independent Fairs	328-1D thru 328-2D	February 1, 2020
OAD-SL	Street Lighting	340-1D thru 340-4D	January 1, 2012
OAD-AL	Private Area Lighting	341-1D thru 341-4D	January 1, 2012

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## P.U.C.O. NO. 20

## TABLE OF CONTENTS

	<b>Ohio Power &amp; Columbus Southern Power Rate Zones</b>		
IRP-L	Interruptible Power Rider – Legacy Discretionary Rider	427-1D thru 427-3D	Cycle 1 June 2018
OAD-NEMS	Net Energy Metering Service	428-1D thru 428-2D	January 1, 2012
PEV	Pilot Plug-In Electric Vehicles	430-1D	Cycle 1 June 2018
OAD-PA	Pole Attachment	443-1D thru 443-3D	April 12, 2017
OAD-Supp. No. 21	Public Authority – Delayed Payment	453-1D	January 1, 2012
CFTS	County Fair Transmission Supplement	454-1D	Cycle 1 June 2018
	Universal Service Fund Rider	460-1D	Cycle 1 January 2021
	Bad Debt Rider	461-1D	Cycle 1 June 2018
	KWH Tax Rider	462-1D	January 1, 2012
	Residential Distribution Credit Rider	463-1D	Cycle 1 June 2018
	Pilot Throughput Balancing Adjustment Rider	464-1D	July 1, 2020
	Automaker Credit Rider	466-1D	Cycle 1 June 2018
	Electronic Transfer Rider	470-1D	January 1, 2012
	SSO Credit Rider	472-1D	Cycle 1 June 2018
	Power Purchase Agreement Rider	473-1D	January 1, 2020
	Basic Transmission Cost Rider	474-1D	Cycle 1 April 2020
	Pilot Demand Response Rider	480-1D	Cycle 1 June 2018
	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	481-1D	January 1, 2021
	Economic Development Cost Recovery Rider	482-1D	Cycle 1 October 2020
	Enhanced Service Reliability Rider	483-1D	Cycle 1 January 2021
	gridSMART Phase 2 Rider	485-1D	Cycle 1 March 2021
	Distribution Investment Rider	489-1D	Cycle 1 March 2021
	Storm Damage Recovery Rider	490-1D	Cycle 1 June 2020
	Renewable Generation Rider	491-1D	Cycle 1 June

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AEP Ohio

## P.U.C.O. NO. 20

## TABLE OF CONTENTS

			2018
	Power Forward Rider	493-1D	Cycle 1 June 2018
	Smart City Rider	495-1D	Cycle 1 March 2021
IRP-E	Interruptible Power Rider – Expanded Service Discretionary Rider	496-1D thru 496-2D	Cycle 1 June 2018
	Tax Savings Credit Rider	497-1D	Cycle 1 January 2020
	Legacy Generation Resource Rider	498-1D	January 1, 2021

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## P.U.C.O. NO. 20

## Applicable Riders

Rider Description	Ohio Power Rate Zone		Columbus Southern Power Rate Zone		Sheet No.
	Standard Service	Open Access Distribution Service	Standard Service	Open Access Distribution Service	
Interruptible Power Rider – Legacy Discretionary Rider	Yes	Yes	Yes	Yes	427-1D
Pilot Plug-In Electric Vehicles	Yes	Yes	Yes	Yes	430-1D
County Fair Transmission Supplement	Yes	Yes	Yes	Yes	454-1D
Universal Service Fund Rider	Yes	Yes	Yes	Yes	460-1D
Bad Debt Rider	Yes	Yes	Yes	Yes	461-1D
KWH Tax Rider	Yes	Yes	Yes	Yes	462-1D
Residential Distribution Credit Rider	Yes	Yes	Yes	Yes	463-1D
Pilot Throughput Balancing Adjustment Rider	Yes	Yes	Yes	Yes	464-1D
Automaker Credit Rider	Yes	Yes	Yes	Yes	466-1D
Generation Energy Rider	Yes		Yes		
Generation Capacity Rider	Yes		Yes		
Auction Cost Reconciliation Rider	Yes		Yes		
Electronic Transfer Rider	Yes	Yes	Yes	Yes	470-1D
Retail Reconciliation Rider	Yes		Yes		
SSO Credit Rider	Yes	Yes	Yes	Yes	472-1D
Power Purchase Agreement Rider	Yes	Yes	Yes	Yes	473-1D
Basic Transmission Cost Rider	Yes	Yes	Yes	Yes	474-1D
Pilot Demand Response Rider	Yes	Yes	Yes	Yes	480-1D
Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	Yes	Yes	Yes	Yes	481-1D
Economic Development Cost Recovery Rider	Yes	Yes	Yes	Yes	482-1D
Enhanced Service Reliability Rider	Yes	Yes	Yes	Yes	483-1D
gridSMART® Phase 2 Rider	Yes	Yes	Yes	Yes	485-1D
Distribution Investment Rider	Yes	Yes	Yes	Yes	489-1D
Storm Damage Recovery Rider	Yes	Yes	Yes	Yes	490-1D
Renewable Generation Rider	Yes	Yes	Yes	Yes	491-1D
Alternative Energy Rider	Yes		Yes		
Power Forward Rider	Yes	Yes	Yes	Yes	493-1D
Smart City Rider	Yes	Yes	Yes	Yes	495-1D

Filed pursuant to Order dated November 21, 2019 in Case No. 19-1808-EL-UNC.

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P.U.C.O. NO. 20

## Applicable Riders

Interruptible Power Rider – Expanded Service Discretionary Rider	Yes	Yes	Yes	Yes	496-1D
Tax Savings Credit Rider	Yes	Yes	Yes	Yes	497-1D
Legacy Generation Resource Rider	Yes	Yes	Yes	Yes	498-1D

Filed pursuant to Order dated November 21, 2019 in Case No. 19-1808-EL-UNC.

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Effective: January 1, 2020

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Rajagopalan Sundararajan, President  
AEP Ohio

## 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 March 2021, 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 in Case No. 13-1939-EL-RDR.

Residential Customers	\$1.65
Non-Residential	\$14.64

Filed pursuant to Order dated April 25, 2018 in Case No. 16-1852-EL-SSO

Issued: January 29, 2021

Effective: Cycle 1 March 2021

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Rajagopalan Sundararajan, President  
AEP Ohio

P.U.C.O. NO. 20

OAD - DISTRIBUTION INVESTMENT RIDER  
(Open Access Distribution- Distribution Investment Rider)

Effective Cycle 1 March 2021, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Distribution Investment Rider charge of 45.51414% of the customer's distribution charges under the Company's Schedules, excluding charges under any applicable Riders. 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 25, 2015 Opinion and Order in Case Nos. 13-2385-EL-SSO, et al.

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AEP Ohio

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OAD - DISTRIBUTION INVESTMENT RIDER  
(Open Access Distribution- Distribution Investment Rider)

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Rajagopalan Sundararajan, President  
AEP Ohio

Effective: Cycle 1 March 2021

P.U.C.O. NO. 20

OAD-SMART CITY RIDER  
(Open Access Distribution – Smart City Rider)

Effective Cycle 1 March 2021, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the monthly Smart City Rider 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 results of audits ordered by the Commission in accordance with the April 25, 2018 Opinion and Order in Case No. 16-1852-EL-SSO.

Residential Customers	\$0.34/month
Non-Residential Customers	\$1.36/month

Filed pursuant to Order dated April 25, 2018 in Case No. 16-1852-EL-SSO

Issued: January 29, 2021

Issued by  
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AEP Ohio

Effective: Cycle 1 March 2021



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

**Commission of Ohio Docketing Information System on**

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**in**

**Case No(s). 89-6007-EL-TRF**

Summary: Tariff - Ohio Power Company Submits Its Updated Tariffs electronically filed by Mr. Steven T Nourse on behalf of Ohio Power Company