

**BEFORE**  
**THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Application of                         )  
The Dayton Power and Light Company d/b/a     )      Case No. 21-224-EL-RDR  
“AES Ohio” to Update its Transmission         )  
Cost Recovery Rider – Non-Bypassable         )

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**APPLICATION OF THE DAYTON POWER AND LIGHT COMPANY D/B/A AES OHIO  
TO UPDATE ITS TRANSMISSION COST RECOVERY RIDER – NON-BYPASSABLE**

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The Dayton Power and Light Company d/b/a AES Ohio (“AES Ohio” or “the Company”) hereby submits this application to update its Transmission Cost Recovery Rider – Non-Bypassable (“TCRR-N”) pursuant to R.C. §4928.05(A)(2) and O.A.C. §4901:1-36-03(B).

In support of this Application AES Ohio states as follows:

1.     AES Ohio is a public utility and electric light company as defined by R.C. §4905.02 and §4905.03(C) respectively, and an electric distribution utility as defined by R.C. §4928.01(A)(6).
2.     O.A.C. §4901:1-36-03(B) provides: “Each electric utility with an approved transmission cost recovery rider shall update the rider on an annual basis pursuant to a schedule set forth by Commission Order. Each application to update the transmission cost recovery rider shall include all information set forth in the appendix to this rule.”
3.     AES Ohio implemented a TCRR-N on January 1, 2014. The TCRR-N is a non-bypassable rider that is designed to recover transmission-related costs imposed on or charged to the Company by FERC or PJM, such as Network Integration Transmission Service (“NITS”).
4.     In an August 26, 2016 Finding and Order in Case No. 08-1094-EL-SSO, the Commission reaffirmed that AES Ohio’s TCRR-N should continue.

5. Pursuant to the Commission’s Order in Case No. 16-395-EL-SSO, AES Ohio created a TCRR-N Opt-Out Pilot Program (“the Pilot Program”). On November 21, 2019, the Commission amended AES Ohio’s ESP III, directing the Company to remove the Distribution Modernization Rider no later than November 29, 2019. The Commission subsequently approved AES Ohio’s withdrawal of ESP III and implementation of the terms and conditions of the Company’s most recent standard service offer in Case No. 08-1094-EL-SSO. Pursuant to the Commission’s Second Finding and Order in Case Nos. 08-1094-EL-SSO, AES Ohio continued the TCRR-B and TCRR-N as well as the TCRR-N Pilot Program. Since its inception, the Pilot Program has enrolled a number of qualifying customers who have taken all of the necessary steps to opt-out of the TCRR-N and, instead, pay all of their respective transmission expenses directly to their supplier. AES Ohio has removed the Pilot Program participants from the rate calculations applicable to all non-participating customers. This included adjusting actual and forecasted usage for tariff classes to reflect only non-Pilot customers and adjusting forecasted charges to reflect only those anticipated for non-Pilot customers.

6. On March 3, 2020, AES Ohio filed an Application for a Formula rate and started recovery of that rate on May 3, 2020. A Settlement with interested parties was reached and filed on December 10, 2020 and is currently awaiting FERC approval.

7. Consistent with past practices and directives of the Commission, AES Ohio filed its most recent application to update its TCRR-N on March 16, 2020, in Case No. 20-547-EL-RDR. AES Ohio’s Application was approved by Finding and Order dated May 20, 2020, for rates effective on June 1, 2020. AES Ohio will continue to pass through Regional Transmission Expansion Plan (RTEP) credits to

customers as the result of FERC approving a settlement in Case No. EL-05-121-009, which resulted in substantial credits being owed to customers in the Dayton zone.

8. The TCRR-N revenue requirement is higher for the period June 2021 through May 2022 than it was in the prior period. The primary causes for this higher revenue requirement are the NITS increases due to AES Ohio's Formula rate case and an under-collection balance that was primarily driven by lower than expected load in 2020 and not projecting formula rate increases in 2020. As a result, a typical residential customer using 1,000 kWh per month can expect an increase of \$3.69 or 4.06%.

9. Consistent with its prior TCRR filings, AES Ohio has included an estimate for carrying costs on the under or over collection for TCRR-N throughout the forecast period to minimize over or under-collection and thereby precisely recover all costs.

10. Pursuant to O.A.C. §4901:1-36-03(B), the information listed below is being provided in support of this Application. The following supporting Schedules and Workpapers are structured to show the TCRR-N detail:

Schedule A-1	Copy of proposed tariff schedules;
Schedule A-2	Copy of redlined current tariff schedules;
Schedule B-1	Summary of Projected Jurisdictional TCRR-N Net Costs;
Schedule B-2	Summary of Current versus Proposed Revenues;
Schedule B-3	Summary of Current and Proposed Rates;
Schedule B-4	Typical Bill Comparisons;
Schedule C-1	Projected Monthly Jurisdictional TCRR-N Costs;
Schedule C-2	Projected Monthly TCRR-N Costs by Tariff Class;

Schedule C-3	Summary of Proposed TCRR-N Rates;
Schedule C-3(a)	Development of Proposed Base Rates;
Schedule C-3(b)	Development of Proposed Reconciliation Rates;
Schedule D-1	Actual Charges and Revenues;
Schedule D-2	Monthly Revenues by Tariff Class
Schedule D-3	Monthly Over and Under Recovery; and
Schedule D-3(a)	Reconciliation to Company's Financial Records

11. Pursuant to O.A.C. §4901:1-36-04(A), carrying charges based on the cost of debt approved in AES Ohio's most recent rate setting proceeding have been applied to under- and over-recovery of costs.
12. AES Ohio's proposed updated TCRR-N rates as reflected in Schedule A-1 and supported by the remaining Schedules and Workpapers are just and reasonable and should be approved.

WHEREFORE, AES Ohio respectfully requests that the Commission approve its Application with new tariff rates for its TCRR-N to be made effective, on a bills-rendered basis beginning on June 1, 2021.

Respectfully submitted,

/s/ Michael J. Schuler

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Counsel for AES Ohio

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Transmission Cost Recovery Rider – Non-Bypassable**

**Schedule A-1**

**Copy of Proposed Tariff Schedules**

THE DAYTON POWER AND LIGHT COMPANY  
MacGregor Park  
1065 Woodman Drive  
Dayton, Ohio 45432

Ninety-First Revised Sheet No. D2  
Cancels  
Ninetieth Revised Sheet No. D2  
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P.U.C.O. No. 17  
ELECTRIC DISTRIBUTION SERVICE  
TARIFF INDEX

<u>Sheet No.</u>	<u>Version</u>	<u>Description</u>	<u>Number of Pages</u>	<u>Tariff Sheet Effective Date</u>
D1	Third Revised	Table of Contents	1	November 29, 2019
D2	Ninety-First Revised	Tariff Index	2	June 1, 2021

RULES AND REGULATIONS

D3	First Revised	Application and Contract for Service	3	October 1, 2018
D4	Third Revised	Credit Requirements of Customer	1	October 1, 2018
D5	Seventh Revised	Billing and Payment for Electric Service	8	October 1, 2018
D6	Second Revised	Disconnection/Reconnection of Service	5	October 1, 2018
D7	Second Revised	Meters and Metering Equipment- Location and Installation	3	October 1, 2018
D8	First Revised	Service Facilities – Location and Installation	3	October 1, 2018
D9	First Revised	Equipment on Customer's Premises	3	October 1, 2018
D10	First Revised	Use and Character of Service	5	October 1, 2018
D11	Second Revised	Emergency Electrical Procedures	12	October 1, 2018
D12	Second Revised	Extension of Electric Facilities	5	March 1, 2014
D13	Second Revised	Extension of Electric Facilities to House Trailer Parks	2	October 1, 2018
D14	Second Revised	Definitions and Amendments	4	October 1, 2018
D15	Original	Additional Charges	1	January 1, 2001
D16	Original	Open Access Terms and Conditions	3	January 1, 2001

TARIFFS

D17	Eighteenth Revised	Residential	2	January 1, 2020
D18	Eighteenth Revised	Residential Heating	2	January 1, 2020
D19	Twenty-Fourth Revised	Secondary	5	June 1, 2021
D20	Twenty-Second Revised	Primary	4	June 1, 2021

Filed pursuant to the Finding and Order in Case No. \_\_\_\_ dated \_\_\_\_ of the Public Utilities Commission of Ohio.

Issued \_\_\_\_

Effective June 1, 2021

Issued by  
KRISTINA LUND, President and Chief Executive Officer

THE DAYTON POWER AND LIGHT COMPANY  
MacGregor Park  
1065 Woodman Drive  
Dayton, Ohio 45432

Ninety-First Revised Sheet No. D2  
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<u>Sheet No.</u>	<u>Version</u>	<u>Description</u>	<u>Number of Pages</u>	<u>Tariff Sheet Effective Date</u>
D21	Seventeenth Revised	Primary-Substation	3	January 1, 2020
D22	Sixteenth Revised	High Voltage	3	January 1, 2020
D23	Eighteenth Revised	Private Outdoor Lighting	3	January 1, 2020
D24	Thirteenth Revised	Reserved	1	October 1, 2018
D25	Seventeenth Revised	Street Lighting	4	January 1, 2020
D26	Third Revised	Miscellaneous Service Charges	1	October 1, 2018
D35	Third Revised	Interconnection Tariff	29	October 14, 2015

RIDERS

D27	Sixth Revised	Reserved	1	December 19, 2019
D28	Twenty-First Revised	Universal Service Fund Rider	1	January 1, 2021
D29	Fifteenth Revised	Infrastructure Investment Rider	1	December 19, 2019
D30	Tenth Revised	Storm Cost Recovery Rider	1	November 1, 2020
D31	Eighth Revised	Reserved	1	December 19, 2019
D32	Fifth Revised	Reserved	1	December 19, 2019
D33	Fourth Revised	Excise Tax Surcharge Rider	1	October 1, 2018
D34	First Revised	Switching Fees	2	January 1, 2006
D36	Eighth Revised	Reserved	1	December 19, 2019
D37	Seventh Revised	Reserved	1	November 29, 2019
D38	Twelfth Revised	Energy Efficiency Rider	1	January 1, 2021
D39	Twenty-Fourth Revised	Economic Development Rider	1	November 1, 2020
D40	Seventh Revised	Legacy Generation Rider	1	January 1, 2021
D41	First Revised	Tax Savings Credit Rider	1	November 1, 2020

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Twenty-Fourth Revised Sheet No. D19  
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P.U.C.O. No. 17  
ELECTRIC DISTRIBUTION SERVICE  
SECONDARY

DESCRIPTION OF SERVICE:

This Tariff Sheet provides the Customer with Distribution Service from the Company that will be metered and billed on a demand, energy, and monthly customer charge basis.

APPLICABLE:

Available to any Secondary Nonresidential Customer for lighting and for power, provided that all electric service is supplied at one location on the Customer's premises. This rate is applicable when any portion of the Customer's service is rendered at Secondary voltage.

REQUIRED SERVICES:

The Customer may take Generation Service from DP&L under Standard Service Tariff Sheet No. G10. Otherwise, the Customer may choose an Alternate Generation Supplier ("AGS") for its Generation Service. If an AGS is chosen: (1) The AGS must sign a service agreement with the Company and abide by the terms of the Alternate Generation Supplier Coordination Tariff Sheet No. G8, and (2) Customer must take service under the Competitive Retail Generation Service Tariff Sheet No. G9. All Customers are required to take service under Tariff Sheet No. T8 of the Transmission Schedule.

RATE PER MONTH:

Customer Charge:

Single-phase Service	\$ 16.73 per Customer
Three-phase Service	\$ 25.77 per Customer

THE FOLLOWING SERVICE IS NOT AVAILABLE FOR NEW INSTALLATIONS:

Unmetered Service	\$ 14.16 per Customer
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Demand Charge:

\$3.6569905 per kW for all kW of Billing Demand

MINIMUM CHARGE:

The Minimum Charge shall be the Customer Charge.

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ELECTRIC DISTRIBUTION SERVICE  
SECONDARY

MAXIMUM CHARGE:

The billing under the Demand and Energy charge provisions shall not exceed \$0.0435309 per kWh for total billed charges under this tariff, the Transmission Cost Recovery Rider – Nonbypassable (if applicable), and the Rate Stabilization Charge. The Maximum Charge amount of this tariff is \$0.0112602.

ADDITIONAL RIDERS:

Service under this Tariff Sheet shall also be subject to the following riders:

Universal Service Fund Rider on Sheet No. D28.  
Infrastructure Investment Rider No. D29.  
Storm Cost Recovery Rider on Sheet No. D30.  
Excise Tax Rider on Sheet No. D33.  
Switching Fee Rider on Sheet No. D34.  
Energy Efficiency Rider on Sheet No. D38.  
Economic Development Cost Recovery Rider on Sheet No. D39.  
Legacy Generation Rider on Sheet No. D40.  
Tax Savings Credit Rider on Sheet No. D41.

PRIMARY VOLTAGE METERING:

The above rates are based upon Secondary Voltage Level of Service and metering. When metering is at Primary Voltage Level of Service, both the kilowatt billing demand and the energy kilowatt-hours will be adjusted downward by one percent (1%) for billing purposes.

OFF-PEAK METERING SURCHARGE:

Customers with billing demands less than one thousand kilowatts (1,000 kW) requesting metering devices to determine billing demands during off-peak periods shall be subject to an additional charge of twenty dollars (\$20.00) per month. No demand less than one thousand kilowatts (1,000 kW) shall be designated as off-peak unless the Customer has elected the metering surcharge option.

For Customers who elect to be supplied through off-peak metering, the Term of Contract shall be a minimum period of one (1) year and for such time thereafter until terminated by the Company or the Customer giving thirty (30) days written notice.

DETERMINATION OF KILOWATT BILLING DEMAND:

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The billing demand shall be the greatest thirty (30) minute integrated demand ascertained in kilowatts by instruments suitable for the purpose. Such billing demand shall be the greatest of the following:

1. Off-peak: Seventy-five percent (75%) of the greatest such demand occurring during the billing month, either within the period between 8:00 p.m. of one day and 8:00 a.m. the following day, or on any Saturday or Sunday, or on the following observed legal holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day or Christmas Day; or
2. On-peak: One hundred percent (100%) of the greatest such demand occurring during the billing month at any time not within the period and not on the days specifically mentioned in paragraph 1 above; or
3. Seventy-five percent (75%) of the greatest of such off-peak or on-peak demand as used for billing in the months of June, July, August, December, January and February during the past eleven month period prior to the current billing month.

SECONDARY RATE PROVISION:

When the use of a Customer's load does not result in billing demands proportionate to the facilities installed, the billing demand may be determined by taking eighty-five percent (85%) of such total connected load. The Maximum Charge provisions of this Tariff Sheet shall not be applicable to these Customers.

UNMETERED SERVICE PROVISION:

- A. THIS PROVISION IS IN THE PROCESS OF ELIMINATION AND IS WITHDRAWN EXCEPT FOR THE PRESENT INSTALLATIONS OF CUSTOMERS THAT HAVE ELECTED TO COMPLY WITH SECTION B OF DP&L'S UNMETERED SERVICE PROVISION. ALL NEW SERVICE REQUESTS SHALL TAKE SERVICE UNDER SINGLE OR THREE PHASE METERED SERVICE.

Unmetered single-phase service is available under this provision upon mutual agreement between the Company and the Customer for lighting and/or incidental power purposes for rated loads less than five (5) kilowatts having uniformity of consumption which can be predicted accurately.

This rate is available on application and only to those Customers whose rated load requirements of five (5) kilowatts or less can be served at one point of delivery.

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SECONDARY

For each monthly billing period the kW billing demand shall be the estimated or measured load in kilowatts, and the kilowatt-hours consumed shall be the product of the estimated or measured load in kilowatts multiplied by seven hundred and thirty (730) hours.

The Customer shall furnish electrical protection devices which meet local electric code requirements. In the absence of a local electrical code, the National Electrical Code will be followed.

The Customer shall notify the Company in advance of every change in connected load, and the Company reserves the right to inspect the Customer's equipment at any time to verify or measure such load. In the event the Customer fails to notify the Company of an increase in load, the Company reserves the right to refuse to serve the location thereafter under this rate, and shall be entitled to bill the Customer retroactively on the basis of the increased load for the full period such load was connected. If the character of such load should change, so as to require metered service, the Customer shall provide the facilities to permit the metering.

The Term of Contract shall be a minimum period of one (1) year or such shorter period as may be agreed between the Company and the Customer.

**B. UNMETERED SERVICE COMPLIANCE PROVISION FOR EXISTING INSTALLATIONS**

Concurrent with the effective date of this tariff, existing customers who elect to maintain an Unmetered Service Provision must comply with the following:

- I. Provide the Company with written validation of the type of usage, quantities and characteristics of service within 6 months of the effective date of this tariff
- II. Provide written validation of the type and quantity of service to the Company annually

**COUNTY FAIR AND AGRICULTURAL SOCIETIES:**

Energy Charge: \$0.0121124/kWh

This charge replaces the demand charge for County Fair and Agricultural Societies; all other rates and tariffs applicable to secondary customers apply. The County Fairs and Agricultural societies provision exists as required by Ohio Revised Code Section 4928.80.

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ELECTRIC DISTRIBUTION SERVICE  
SECONDARY

RULES AND REGULATIONS:

All Distribution Service of the Company is rendered under and subject to the Rules and Regulations contained within this Schedule and any terms and conditions set forth in any Service Agreement between the Company and the Customer.

---

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Twenty-Second Revised Sheet No. D20  
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P.U.C.O. No. 17  
ELECTRIC DISTRIBUTION SERVICE  
PRIMARY

DESCRIPTION OF SERVICE:

This Tariff Sheet provides the Customer with Distribution Service from the Company that will be metered and billed on a demand and monthly customer charge basis.

APPLICABLE:

Available to any Customer for lighting and for power, provided that all electric service is supplied at one location on the Customer's premises.

REQUIRED SERVICES:

The Customer may take Generation Service from DP&L under Standard Service Tariff Sheet No. G10. Otherwise, the Customer may choose an Alternate Generation Supplier ("AGS") for its Generation Service. If an AGS is chosen: (1) The AGS must sign a service agreement with the Company and abide by the terms of the Alternate Generation Supplier Coordination Tariff Sheet No. G8, and (2) Customer must take service under the Competitive Retail Generation Service Tariff Sheet No. G9. All Customers are required to take service under Tariff Sheet No. T8 of the Transmission Schedule.

RATE PER MONTH:

Customer Charge:

\$242.12 per Customer

Demand Charge:

\$2.0325100 per kW for all kW of Billing Demand

Reactive Demand Charge:

\$0.6984153 per kVar for all kVar of Billing Demand

MINIMUM CHARGE:

The Minimum Charge shall be the Customer Charge.

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PRIMARY

MAXIMUM CHARGE:

The billing under the Demand and Energy charge provisions shall not exceed \$0.0353805 per kWh for total billed charges under this tariff, Transmission Cost Recovery Rider – Nonbypassable (if applicable), and the Rate Stabilization Rider. The Maximum Charge amount of this tariff is \$0.0051169.

ADDITIONAL RIDERS:

Service under this Tariff Sheet shall also be subject to the following riders:

Universal Service Fund Rider on Sheet No. D28.  
Infrastructure Investment Rider on Sheet No. D29.  
Storm Cost Recovery Rider on Sheet No. D30.  
Excise Tax Rider on Sheet No. D33.  
Switching Fee Rider on Sheet No. D34.  
Energy Efficiency Rider on Sheet No. D38.  
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Legacy Generation Rider on Sheet No. D40.  
Tax Savings Credit Rider on Sheet No D41.

SECONDARY VOLTAGE METERING:

The above rates are based upon Primary Voltage Level of Service and metering. When metering is at Secondary Voltage Level of Service, both the kilowatt billing demand and the energy kilowatt-hours will be adjusted upward by one percent (1%) for billing purposes.

OFF-PEAK METERING SURCHARGE:

Customers with billing demands less than one thousand kilowatts (1,000 kW) requesting metering devices to determine billing demands during off-peak periods shall be subject to an additional charge of twenty dollars (\$20.00) per month. No demands less than one thousand kilowatts (1,000 kW) shall be designated as off-peak unless the Customer has elected the metering surcharge option.

For Customers who elect to be supplied through off-peak metering, the Term of Contract shall be a minimum period of one (1) year and for such time thereafter until terminated by the Company or the Customer giving thirty (30) days written notice.

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PRIMARY

DETERMINATION OF KILOWATT BILLING DEMAND:

The billing demand shall be the greatest thirty (30) minute integrated demand ascertained in kilowatts by instruments suitable for the purpose. Such billing demand shall be the greatest of the following:

1. Off-peak: Seventy-five percent (75%) of the greatest such demand occurring during the billing month, either within the period between 8:00 p.m. of one day and 8:00 a.m. the following day, or on any Saturday or Sunday, or on the following observed legal holiday: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day or Christmas Day; or
2. On-peak: One hundred percent (100%) of the greatest such demand occurring during the billing month at any time not within the period and not on the days specifically mentioned in paragraph 1 above; or
3. Seventy-five percent (75%) of the greatest of such off-peak or on-peak demand as used for billing in the months of June, July, August, December, January and February during the past eleven (11) month period prior to the current billing month. Where a Customer's establishment contains two or more buildings with separate services, each service having a monthly demand of five hundred (500) kW or higher, served under this Tariff Sheet, and such buildings are separated by street, alley, or railroad right-of-way, and there is no other intervening property under separate ownership, the demand of all such accounts at coincident times shall be added together for the determination of this Paragraph 3.

PRIMARY RATE PROVISION:

When the use of a Customer's load does not result in billing demands proportionate to the facilities installed the billing demand may be determined by taking eighty-five percent (85%) of such total connected load. The Maximum Charge provisions of this Tariff Sheet shall not be applicable to these Customers.

COUNTY FAIR AND AGRICULTURAL SOCIETIES:

Energy Charge: \$0.0052124/kWh

This charge replaces the demand change for County Fair and Agricultural Societies; all other rates and tariffs applicable to Primary customers apply. The County Fairs and Agricultural societies provision exists as required by Ohio Revised Code Section 4928.80.

RULES AND REGULATIONS:

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PRIMARY

All Distribution Service of the Company is rendered under and subject to the Rules and Regulations contained in this Schedule and any terms and conditions set forth in any Service Agreement between the Company and the Customer.

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Thirty-Fifth Revised Sheet No. T2  
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ELECTRIC TRANSMISSION SERVICE  
TARIFF INDEX

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T7	Second Revised	Definitions and Amendments	3	June 20, 2005

TARIFFS

T8	Nineteenth Revised	Transmission Cost Recovery Rider – Non-Bypassable	5	June 1, 2021
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Filed pursuant to the Finding and Order in Case No. \_\_\_\_ dated \_\_\_\_ of the Public Utilities Commission of Ohio.

Issued \_\_\_\_

Effective June 1, 2021

Issued by  
KRISTINA LUND, President and Chief Executive Officer

THE DAYTON POWER AND LIGHT COMPANY  
MacGregor Park  
1065 Woodman Drive  
Dayton, Ohio 45432

Nineteenth Revised Sheet No. T8  
Cancels  
Eighteenth Revised Sheet No. T8  
Page 1 of 5

P.U.C.O. No. 17  
ELECTRIC TRANSMISSION SERVICE  
TRANSMISSION COST RECOVERY RIDER – NON-BYPASSABLE (TCRR-N)

DESCRIPTION OF SERVICE:

This Tariff Sheet provides the Customer with retail transmission service. This Transmission Cost Recovery Rider (TCRR-N) is designed to recover transmission-related costs imposed on or charged to the Company by FERC or PJM. These costs include but are not limited to:

- Network Integration Transmission Service (NITS)
- Schedule 1 (Scheduling, System Control and Dispatch Service)
- Schedule 1A (Transmission Owner Scheduling, System Control and Dispatch Services)
- Schedule 2 (Reactive Supply and Voltage Control from Generation or Other Sources Services)
- Schedule 6A (Black Start Service)
- Schedule 7 (Firm Point-To-Point Service Credits to AEP Point of Delivery)
- Schedule 8 (Non-Firm Point-To-Point Service Credits)
- Schedule 10-NERC (North American Electric Reliability Corporation Charge)
- Schedule 10-RFC (Reliability First Corporation Charge)
- Schedule 10-Michigan-Ontario Interface (Phase Angle Regulators Charge)
- Schedule 12 (Transmission Enhancement Charge)
- Schedule 12A(b) (Incremental Capacity Transfer Rights Credit)
- Schedule 13 (Expansion Cost Recovery Charge)
- PJM Emergency Load Response Program – Load Response Charge Allocation
- Part V – Generation Deactivation

APPLICABLE:

Required for any Customer that has not enrolled in the TCRR-N Opt-Out Pilot Program and is served under the Electric Distribution Service Tariff Sheet D17-D25 based on the following rates.

CHARGES:

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Filed pursuant to the Finding and Order in Case No. \_\_\_\_ dated \_\_\_\_ of the Public Utilities Commission of Ohio.

Issued \_\_\_\_

Effective June 1, 2021

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Nineteenth Revised Sheet No. T8  
Cancels  
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Page 2 of 5

P.U.C.O. No. 17  
ELECTRIC TRANSMISSION SERVICE  
TRANSMISSION COST RECOVERY RIDER – NON-BYPASSABLE (TCRR-N)

**Residential:**

Energy Charge                    \$0.0069211 per kWh

**Residential Heating:**

Energy Charge                    \$0.0069211 per kWh

**Secondary:**

Demand Charge                    \$2.8583713 per kW for all kW of Billing Demand

Energy Charge                    \$0.0006747 per kWh

County Fair and Agricultural Societies:

Energy Charge                    \$0.0119743 per kWh

If the Maximum Charge provision contained in Electric Distribution Service Tariff Sheet No. D19 applies, the Customer will be charged an energy charge of \$0.0164007 per kWh for all kWh in lieu of the above demand and energy charges.

**Primary:**

Demand Charge                    \$2.2907869 per kW for all kW of Billing Demand

Energy Charge                    \$0.0006747 per kWh

County Fair and Agricultural Societies:

Energy Charge                    \$0.0054054 per kWh

If the Maximum Charge provision contained in Electric Distribution Service Tariff Sheet No. D20 applies, the Customer will be charged an energy charge of \$0.0135136 per kWh in lieu of the above demand and energy charges.

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Nineteenth Revised Sheet No. T8  
Cancels  
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P.U.C.O. No. 17  
ELECTRIC TRANSMISSION SERVICE  
TRANSMISSION COST RECOVERY RIDER – NON-BYPASSABLE (TCRR-N)

**Primary-Substation:**

Demand Charge	\$2.2871273 per kW for all kW of Billing Demand
Energy Charge	\$0.0006747 per kWh

**High Voltage:**

Demand Charge	\$2.4315640 per kW for all kW of Billing Demand
Energy Charge	\$0.0006747 per kWh

**Private Outdoor Lighting:**

3,600 Lumens Light Emitting Diode (LED)	\$0.0107912/lamp/month
8,400 Lumens Light Emitting Diode (LED)	\$0.0231240/lamp/month
9,500 Lumens High Pressure Sodium	\$0.0300612/lamp/month
28,000 Lumens High Pressure Sodium	\$0.0739968/lamp/month
7,000 Lumens Mercury	\$0.0578100/lamp/month
21,000 Lumens Mercury	\$0.1187032/lamp/month
2,500 Lumens Incandescent	\$0.0493312/lamp/month
7,000 Lumens Fluorescent	\$0.0508728/lamp/month
4,000 Lumens PT Mercury	\$0.0331444/lamp/month

**Street Lighting:**

Energy Charge	\$0.0007686 per kWh
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Filed pursuant to the Finding and Order in Case No. \_\_\_\_ dated \_\_\_\_ of the Public Utilities Commission of Ohio.

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MacGregor Park  
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Nineteenth Revised Sheet No. T8  
Cancels  
Eighteenth Revised Sheet No. T8  
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P.U.C.O. No. 17  
ELECTRIC TRANSMISSION SERVICE  
TRANSMISSION COST RECOVERY RIDER – NON-BYPASSABLE (TCRR-N)

**DETERMINATION OF KILOWATT BILLING DEMAND:**

Billing demand shall be determined as defined on the applicable Electric Distribution Service Tariff Sheet Nos. D17 through D25.

**TRANSMISSION RULES AND REGULATIONS:**

All retail electric transmission and ancillary services of the Company are rendered under and subject to the Rules and Regulations contained in this Schedule and any terms and conditions set forth in any Service Agreement between the Company and the Customer.

Except where noted herein, this service shall be provided under the terms, conditions, and rates of PJM's Tariff filed at the Federal Energy Regulatory Commission.

**RIDER UPDATES:**

The charges contained in this Rider shall be updated and reconciled on an annual basis. The TCRR-N shall be filed with the Public Utilities Commission of Ohio on or before March 15 of each year and be effective for bills rendered June 1 through May 31 of the subsequent year, unless otherwise ordered by the Commission.

This Rider is subject to reconciliation, including but not limited to, refunds to customers, based upon the results of audits as approved and ordered by the Commission.

**OPT-OUT PILOT PROGRAM:**

Pursuant to the October 20, 2017 Opinion and Order issued by the Public Utilities Commission of Ohio in Case No.16-395-EL-SSO, the Company is implementing a pilot program which enables up to 50 qualifying accounts to opt-out of the TCRR-N for the duration of the pilot program. The pilot program is described in paragraph VI.C. of the March 13, 2017 Amended Stipulation and Recommendation that was filed in Case No. 16-395-EL SSO. To receive additional information, qualified customers should contact transmissionoptout@aes.com.

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Filed pursuant to the Finding and Order in Case No. \_\_\_\_ dated \_\_\_\_ of the Public Utilities Commission of Ohio.

Issued \_\_\_\_

Effective June 1, 2021

Issued by  
KRISTINA LUND, President and Chief Executive Officer

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Transmission Cost Recovery Rider – Non-Bypassable**

**Schedule A-2**

**Copy of Red-lined Current Tariff Schedules**

THE DAYTON POWER AND LIGHT COMPANY  
D2  
MacGregor Park  
1065 Woodman Drive  
No. D2  
Dayton, Ohio 45432

Ninety-FirstNinetieth Revised Sheet No.

Cancels  
NinetiethEighty Ninth Revised Sheet

Page 1 of 2

P.U.C.O. No. 17  
ELECTRIC DISTRIBUTION SERVICE  
TARIFF INDEX

Sheet <u>No.</u>	<u>Version</u>	<u>Description</u>	<u>Number of Pages</u>	<u>Tariff Sheet Effective Date</u>
D1	Third Revised	Table of Contents	1	November 29, 2019
D2	<u>Ninety-First</u> <u>Ninetieth</u> Revised <u>June 1, 2021</u> <u>January 1, 2021</u>	Tariff Index	2	

RULES AND REGULATIONS

D3	First Revised	Application and Contract for Service	3	October 1, 2018
D4	Third Revised	Credit Requirements of Customer	1	October 1, 2018
D5	Seventh Revised	Billing and Payment for Electric Service	8	October 1, 2018
D6	Second Revised	Disconnection/Reconnection of Service	5	October 1, 2018
D7	Second Revised	Meters and Metering Equipment- Location and Installation	3	October 1, 2018
D8	First Revised	Service Facilities – Location and Installation	3	October 1, 2018
D9	First Revised	Equipment on Customer's Premises	3	October 1, 2018
D10	First Revised	Use and Character of Service	5	October 1, 2018
D11	Second Revised	Emergency Electrical Procedures	12	October 1, 2018
D12	Second Revised	Extension of Electric Facilities	5	March 1, 2014
D13	Second Revised	Extension of Electric Facilities to House Trailer Parks	2	October 1, 2018
D14	Second Revised	Definitions and Amendments	4	October 1, 2018
D15	Original	Additional Charges	1	January 1, 2001
D16	Original	Open Access Terms and Conditions	3	January 1, 2001

TARIFFS

D17	Eighteenth Revised	Residential	2	January 1, 2020
D18	Eighteenth Revised	Residential Heating	2	January 1, 2020
D19	<u>Twenty-Fourth</u> <u>Twenty Third</u> Revised <u>June 1, 2021</u> <u>June 1, 2020</u>	Secondary	5	

Filed pursuant to the Finding and Order in Case No. 20-1103 EL USF dated December 16, 2020 of the Public Utilities Commission of Ohio.

Issued March 3, 2024  
2024

Effective June 1, 2021January 1,

Issued by  
KRISTINA LUND, President and Chief Executive Officer

THE DAYTON POWER AND LIGHT COMPANY  
D2  
MacGregor Park  
1065 Woodman Drive  
No. D2  
Dayton, Ohio 45432

Ninety-FirstNinetieth Revised Sheet No.

Cancels  
NinetiethEighty-Ninth Revised Sheet

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P.U.C.O. No. 17  
ELECTRIC DISTRIBUTION SERVICE  
TARIFF INDEX

D20 Twenty-SecondTwenty First Revised  
June 1, 2021June 1, 2020

Primary 4

Sheet No.	Version	Description	Number of Pages	Tariff Sheet Effective Date
D21	Seventeenth Revised	Primary-Substation	3	January 1, 2020
D22	Sixteenth Revised	High Voltage	3	January 1, 2020
D23	Eighteenth Revised	Private Outdoor Lighting	3	January 1, 2020
D24	Thirteenth Revised	Reserved	1	October 1, 2018
D25	Seventeenth Revised	Street Lighting	4	January 1, 2020
D26	Third Revised	Miscellaneous Service Charges	1	October 1, 2018
D35	Third Revised	Interconnection Tariff	29	October 14, 2015

RIDERS

D27	Sixth Revised	Reserved	1	December 19, 2019
D28	Twenty-First Revised	Universal Service Fund Rider	1	January 1, 2021
D29	Fifteenth Revised	Infrastructure Investment Rider	1	December 19, 2019
D30	Tenth Revised	Storm Cost Recovery Rider	1	November 1, 2020
D31	Eighth Revised	Reserved	1	December 19, 2019
D32	Fifth Revised	Reserved	1	December 19, 2019
D33	Fourth Revised	Excise Tax Surcharge Rider	1	October 1, 2018
D34	First Revised	Switching Fees	2	January 1, 2006
D36	Eighth Revised	Reserved	1	December 19, 2019
D37	Seventh Revised	Reserved	1	November 29, 2019
D38	Twelfth Revised	Energy Efficiency Rider	1	January 1, 2021
D39	Twenty-Fourth Revised	Economic Development Rider	1	November 1, 2020
D40	Seventh Revised	Legacy Generation Rider	1	January 1, 2021

Filed pursuant to the Finding and Order in Case No. 20-1103 EL USF dated December 16, 2020 of the Public Utilities Commission of Ohio.

Issued March 3, 2024  
2024

Effective June 1, 2021January 1,

Issued by  
KRISTINA LUND, President and Chief Executive Officer

THE DAYTON POWER AND LIGHT COMPANY  
D2  
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Ninety-FirstNinetieth Revised Sheet No.

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P.U.C.O. No. 17  
ELECTRIC DISTRIBUTION SERVICE  
TARIFF INDEX

D41 First Revised

Tax Savings Credit Rider

1 November 1, 2020

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Filed pursuant to the Finding and Order in Case No. 20-1103 EL USF dated December 16, 2020 of the Public Utilities Commission of Ohio.

Issued March 3, 2024  
2021

Effective June 1, 2021January 1,

Issued by  
KRISTINA LUND, President and Chief Executive Officer

THE DAYTON POWER AND LIGHT COMPANY  
Sheet No. D19  
MacGregor Park  
1065 Woodman Drive  
Sheet No. D19  
Dayton, Ohio 45432

Twenty-Four~~Twenty Third~~ Revised  
Cancels  
Twenty-Third~~Twenty Second~~ Revised  
Page 1 of 5

P.U.C.O. No. 17  
ELECTRIC DISTRIBUTION SERVICE  
SECONDARY

DESCRIPTION OF SERVICE:

This Tariff Sheet provides the Customer with Distribution Service from the Company that will be metered and billed on a demand, energy, and monthly customer charge basis.

APPLICABLE:

Available to any Secondary Nonresidential Customer for lighting and for power, provided that all electric service is supplied at one location on the Customer's premises. This rate is applicable when any portion of the Customer's service is rendered at Secondary voltage.

REQUIRED SERVICES:

The Customer may take Generation Service from DP&L under Standard Service Tariff Sheet No. G10. Otherwise, the Customer may choose an Alternate Generation Supplier ("AGS") for its Generation Service. If an AGS is chosen: (1) The AGS must sign a service agreement with the Company and abide by the terms of the Alternate Generation Supplier Coordination Tariff Sheet No. G8, and (2) Customer must take service under the Competitive Retail Generation Service Tariff Sheet No. G9. All Customers are required to take service under Tariff Sheet No. T8 of the Transmission Schedule.

RATE PER MONTH:

Customer Charge:

Single-phase Service	\$ 16.73 per Customer
Three-phase Service	\$ 25.77 per Customer

THE FOLLOWING SERVICE IS NOT AVAILABLE FOR NEW INSTALLATIONS:

Unmetered Service	\$ 14.16 per Customer
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Demand Charge:

\$3.6569905 per kW for all kW of Billing Demand

MINIMUM CHARGE:

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Filed pursuant to the Finding and Order in Case No. 20-547 EL RDR dated May 20, 2020 of the Public Utilities Commission of Ohio.

Issued March 3, 2021  
2020

Effective June 1, 2021~~June 1,~~

Issued by  
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THE DAYTON POWER AND LIGHT COMPANY  
Sheet No. D19  
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P.U.C.O. No. 17  
ELECTRIC DISTRIBUTION SERVICE  
SECONDARY

The Minimum Charge shall be the Customer Charge.

MAXIMUM CHARGE:

The billing under the Demand and Energy charge provisions shall not exceed ~~\$0.0435309~~~~\$0.0342880~~ per kWh for total billed charges under this tariff, the Transmission Cost Recovery Rider – Nonbypassable (if applicable), and the Rate Stabilization Charge. The Maximum Charge amount of this tariff is \$0.0112602.

ADDITIONAL RIDERS:

Service under this Tariff Sheet shall also be subject to the following riders:

Universal Service Fund Rider on Sheet No. D28.  
Infrastructure Investment Rider No. D29.  
Storm Cost Recovery Rider on Sheet No. D30.  
Excise Tax Rider on Sheet No. D33.  
Switching Fee Rider on Sheet No. D34.  
Energy Efficiency Rider on Sheet No. D38.  
Economic Development Cost Recovery Rider on Sheet No. D39.  
Legacy Generation Rider on Sheet No. D40.  
Tax Savings Credit Rider on Sheet No. D41.

PRIMARY VOLTAGE METERING:

The above rates are based upon Secondary Voltage Level of Service and metering. When metering is at Primary Voltage Level of Service, both the kilowatt billing demand and the energy kilowatt-hours will be adjusted downward by one percent (1%) for billing purposes.

OFF-PEAK METERING SURCHARGE:

Customers with billing demands less than one thousand kilowatts (1,000 kW) requesting metering devices to determine billing demands during off-peak periods shall be subject to an additional charge of twenty dollars (\$20.00) per month. No demand less than one thousand kilowatts (1,000 kW) shall be designated as off-peak unless the Customer has elected the metering surcharge option.

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Filed pursuant to the Finding and Order in Case No. 20-547 EL RDR dated May 20, 2020 of the Public Utilities Commission of Ohio.

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2020

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Sheet No. D19  
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Twenty-FourTwenty Third Revised  
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P.U.C.O. No. 17  
ELECTRIC DISTRIBUTION SERVICE  
SECONDARY

For Customers who elect to be supplied through off-peak metering, the Term of Contract shall be a minimum period of one (1) year and for such time thereafter until terminated by the Company or the Customer giving thirty (30) days written notice.

**DETERMINATION OF KILOWATT BILLING DEMAND:**

The billing demand shall be the greatest thirty (30) minute integrated demand ascertained in kilowatts by instruments suitable for the purpose. Such billing demand shall be the greatest of the following:

1. Off-peak: Seventy-five percent (75%) of the greatest such demand occurring during the billing month, either within the period between 8:00 p.m. of one day and 8:00 a.m. the following day, or on any Saturday or Sunday, or on the following observed legal holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day or Christmas Day; or
2. On-peak: One hundred percent (100%) of the greatest such demand occurring during the billing month at any time not within the period and not on the days specifically mentioned in paragraph 1 above; or
3. Seventy-five percent (75%) of the greatest of such off-peak or on-peak demand as used for billing in the months of June, July, August, December, January and February during the past eleven month period prior to the current billing month.

**SECONDARY RATE PROVISION:**

When the use of a Customer's load does not result in billing demands proportionate to the facilities installed, the billing demand may be determined by taking eighty-five percent (85%) of such total connected load. The Maximum Charge provisions of this Tariff Sheet shall not be applicable to these Customers.

**UNMETERED SERVICE PROVISION:**

- A. THIS PROVISION IS IN THE PROCESS OF ELIMINATION AND IS WITHDRAWN EXCEPT FOR THE PRESENT INSTALLATIONS OF CUSTOMERS THAT HAVE ELECTED TO COMPLY WITH SECTION B OF DP&L'S UNMETERED SERVICE PROVISION. ALL NEW SERVICE REQUESTS SHALL TAKE SERVICE UNDER SINGLE OR THREE PHASE METERED SERVICE.

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Filed pursuant to the Finding and Order in Case No. 20-547 EL RDR dated May 20, 2020 of the Public Utilities Commission of Ohio.

Issued March 3, 2021  
2020

Effective June 1, 2021June 1,

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THE DAYTON POWER AND LIGHT COMPANY  
Sheet No. D19  
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Twenty-Four~~Twenty Third~~ Revised

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P.U.C.O. No. 17  
ELECTRIC DISTRIBUTION SERVICE  
SECONDARY

Unmetered single-phase service is available under this provision upon mutual agreement between the Company and the Customer for lighting and/or incidental power purposes for rated loads less than five (5) kilowatts having uniformity of consumption which can be predicted accurately.

This rate is available on application and only to those Customers whose rated load requirements of five (5) kilowatts or less can be served at one point of delivery.

For each monthly billing period the kW billing demand shall be the estimated or measured load in kilowatts, and the kilowatt-hours consumed shall be the product of the estimated or measured load in kilowatts multiplied by seven hundred and thirty (730) hours.

The Customer shall furnish electrical protection devices which meet local electric code requirements. In the absence of a local electrical code, the National Electrical Code will be followed.

The Customer shall notify the Company in advance of every change in connected load, and the Company reserves the right to inspect the Customer's equipment at any time to verify or measure such load. In the event the Customer fails to notify the Company of an increase in load, the Company reserves the right to refuse to serve the location thereafter under this rate, and shall be entitled to bill the Customer retroactively on the basis of the increased load for the full period such load was connected. If the character of such load should change, so as to require metered service, the Customer shall provide the facilities to permit the metering.

The Term of Contract shall be a minimum period of one (1) year or such shorter period as may be agreed between the Company and the Customer.

#### B. UNMETERED SERVICE COMPLIANCE PROVISION FOR EXISTING INSTALLATIONS

Concurrent with the effective date of this tariff, existing customers who elect to maintain an Unmetered Service Provision must comply with the following:

- I. Provide the Company with written validation of the type of usage, quantities and characteristics of service within 6 months of the effective date of this tariff
- II. Provide written validation of the type and quantity of service to the Company annually

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2020

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THE DAYTON POWER AND LIGHT COMPANY  
Sheet No. D19  
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P.U.C.O. No. 17  
ELECTRIC DISTRIBUTION SERVICE  
SECONDARY

COUNTY FAIR AND AGRICULTURAL SOCIETIES:

Energy Charge: \$0.0121124/kWh

This charge replaces the demand change for County Fair and Agricultural Societies; all other rates and tariffs applicable to secondary customers apply. The County Fairs and Agricultural societies provision exists as required by Ohio Revised Code Section 4928.80.

RULES AND REGULATIONS:

All Distribution Service of the Company is rendered under and subject to the Rules and Regulations contained within this Schedule and any terms and conditions set forth in any Service Agreement between the Company and the Customer.

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Filed pursuant to the Finding and Order in Case No. 20-547 EL RDR dated May 20, 2020 of the Public Utilities Commission of Ohio.

Issued March 3, 2021  
2020

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KRISTINA LUND, President and Chief Executive Officer

THE DAYTON POWER AND LIGHT COMPANY  
Revised Sheet No. D20  
MacGregor Park  
1065 Woodman Drive  
Sheet No. D20  
Dayton, Ohio 45432

Twenty-Second~~Twenty First~~

Cancels  
Twenty-First~~Twentieth~~ Revised

Page 1 of 4

P.U.C.O. No. 17  
ELECTRIC DISTRIBUTION SERVICE  
PRIMARY

DESCRIPTION OF SERVICE:

This Tariff Sheet provides the Customer with Distribution Service from the Company that will be metered and billed on a demand and monthly customer charge basis.

APPLICABLE:

Available to any Customer for lighting and for power, provided that all electric service is supplied at one location on the Customer's premises.

REQUIRED SERVICES:

The Customer may take Generation Service from DP&L under Standard Service Tariff Sheet No. G10. Otherwise, the Customer may choose an Alternate Generation Supplier ("AGS") for its Generation Service. If an AGS is chosen: (1) The AGS must sign a service agreement with the Company and abide by the terms of the Alternate Generation Supplier Coordination Tariff Sheet No. G8, and (2) Customer must take service under the Competitive Retail Generation Service Tariff Sheet No. G9. All Customers are required to take service under Tariff Sheet No. T8 of the Transmission Schedule.

RATE PER MONTH:

Customer Charge:

\$242.12 per Customer

Demand Charge:

\$2.0325100 per kW for all kW of Billing Demand

Reactive Demand Charge:

\$0.6984153 per kVar for all kVar of Billing Demand

MINIMUM CHARGE:

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Filed pursuant to the Finding and Order in Case No. 20-0547 EL RDR dated May 20, 2020 of the Public Utilities Commission of Ohio.

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2020

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KRISTINA LUND, President and Chief Executive Officer

THE DAYTON POWER AND LIGHT COMPANY  
Revised Sheet No. D20  
MacGregor Park  
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Twenty-Second~~Twenty First~~

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P.U.C.O. No. 17  
ELECTRIC DISTRIBUTION SERVICE  
PRIMARY

The Minimum Charge shall be the Customer Charge.

**MAXIMUM CHARGE:**

The billing under the Demand and Energy charge provisions shall not exceed ~~\$0.0353805~~~~\$0.0279472~~ per kWh for total billed charges under this tariff, Transmission Cost Recovery Rider – Nonbypassable (if applicable), and the Rate Stabilization Rider. The Maximum Charge amount of this tariff is \$0.0051169.

**ADDITIONAL RIDERS:**

Service under this Tariff Sheet shall also be subject to the following riders:

Universal Service Fund Rider on Sheet No. D28.  
Infrastructure Investment Rider on Sheet No. D29.  
Storm Cost Recovery Rider on Sheet No. D30.  
Excise Tax Rider on Sheet No. D33.  
Switching Fee Rider on Sheet No. D34.  
Energy Efficiency Rider on Sheet No. D38.  
Economic Development Cost Recovery Rider on Sheet No. D39.  
Legacy Generation Rider on Sheet No. D40.  
Tax Savings Credit Rider on Sheet No D41.

**SECONDARY VOLTAGE METERING:**

The above rates are based upon Primary Voltage Level of Service and metering. When metering is at Secondary Voltage Level of Service, both the kilowatt billing demand and the energy kilowatt-hours will be adjusted upward by one percent (1%) for billing purposes.

**OFF-PEAK METERING SURCHARGE:**

Customers with billing demands less than one thousand kilowatts (1,000 kW) requesting metering devices to determine billing demands during off-peak periods shall be subject to an additional charge of twenty

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Filed pursuant to the Finding and Order in Case No. 20-0547 EL RDR dated May 20, 2020 of the Public Utilities Commission of Ohio.

Issued March 3, 2021  
2020

Effective June 1, 2021~~June 1,~~

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KRISTINA LUND, President and Chief Executive Officer

THE DAYTON POWER AND LIGHT COMPANY  
Revised Sheet No. D20  
MacGregor Park  
1065 Woodman Drive  
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Twenty-Second~~Twenty First~~

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P.U.C.O. No. 17  
ELECTRIC DISTRIBUTION SERVICE  
PRIMARY

dollars (\$20.00) per month. No demands less than one thousand kilowatts (1,000 kW) shall be designated as off-peak unless the Customer has elected the metering surcharge option.

For Customers who elect to be supplied through off-peak metering, the Term of Contract shall be a minimum period of one (1) year and for such time thereafter until terminated by the Company or the Customer giving thirty (30) days written notice.

**DETERMINATION OF KILOWATT BILLING DEMAND:**

The billing demand shall be the greatest thirty (30) minute integrated demand ascertained in kilowatts by instruments suitable for the purpose. Such billing demand shall be the greatest of the following:

1. Off-peak: Seventy-five percent (75%) of the greatest such demand occurring during the billing month, either within the period between 8:00 p.m. of one day and 8:00 a.m. the following day, or on any Saturday or Sunday, or on the following observed legal holiday: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day or Christmas Day; or
2. On-peak: One hundred percent (100%) of the greatest such demand occurring during the billing month at any time not within the period and not on the days specifically mentioned in paragraph 1 above; or
3. Seventy-five percent (75%) of the greatest of such off-peak or on-peak demand as used for billing in the months of June, July, August, December, January and February during the past eleven (11) month period prior to the current billing month. Where a Customer's establishment contains two or more buildings with separate services, each service having a monthly demand of five hundred (500) kW or higher, served under this Tariff Sheet, and such buildings are separated by street, alley, or railroad right-of-way, and there is no other intervening property under separate ownership, the demand of all such accounts at coincident times shall be added together for the determination of this Paragraph 3.

**PRIMARY RATE PROVISION:**

When the use of a Customer's load does not result in billing demands proportionate to the facilities installed the billing demand may be determined by taking eighty-five percent (85%) of such total connected load. The Maximum Charge provisions of this Tariff Sheet shall not be applicable to these Customers.

---

Filed pursuant to the Finding and Order in Case No. 20-0547 EL RDR dated May 20, 2020 of the Public Utilities Commission of Ohio.

Issued March 3, 2021  
2020

Effective June 1, 2021~~June 1,~~

Issued by  
KRISTINA LUND, President and Chief Executive Officer

THE DAYTON POWER AND LIGHT COMPANY  
Revised Sheet No. D20  
MacGregor Park  
1065 Woodman Drive  
Sheet No. D20  
Dayton, Ohio 45432

Twenty-Second~~Twenty First~~

Cancels  
Twenty-First~~Twentieth~~ Revised

Page 4 of 4

P.U.C.O. No. 17  
ELECTRIC DISTRIBUTION SERVICE  
PRIMARY

COUNTY FAIR AND AGRICULTURAL SOCIETIES:

Energy Charge: \$0.0052124/kWh

This charge replaces the demand change for County Fair and Agricultural Societies; all other rates and tariffs applicable to Primary customers apply. The County Fairs and Agricultural societies provision exists as required by Ohio Revised Code Section 4928.80.

RULES AND REGULATIONS:

All Distribution Service of the Company is rendered under and subject to the Rules and Regulations contained in this Schedule and any terms and conditions set forth in any Service Agreement between the Company and the Customer.

---

Filed pursuant to the Finding and Order in Case No. 20-0547 EL RDR dated May 20, 2020 of the Public Utilities Commission of Ohio.

Issued March 3, 2021  
2020

Effective June 1, 2021~~June 1,~~

Issued by  
KRISTINA LUND, President and Chief Executive Officer

THE DAYTON POWER AND LIGHT COMPANY  
Sheet No. T2  
MacGregor Park  
1065 Woodman Drive  
Sheet No. T2  
Dayton, Ohio 45432

Thirty-FifthThirty Fourth Revised

Cancels

Thirty-FourthThirty Third Revised

Page 1 of 1

P.U.C.O. No. 17  
ELECTRIC TRANSMISSION SERVICE  
TARIFF INDEX

Sheet No.	Version	Description	Number of Pages	Tariff Sheet Effective Date
T1	Fifth Revised	Table of Contents	1	November 1, 2017
T2	<u>Thirty-Fifth</u> <u>Thirty Fourth</u> Revised	Tariff Index		
1	<u>June 1, 2021</u> <u>June 1, 2020</u>			

RULES AND REGULATIONS

T3	Third Revised	Application and Contract for Service	3	January 1, 2014
T4	First Revised	Credit Requirements of Customer	1	November 1, 2002
T5	Original	Billing and Payment for Electric Service	1	January 1, 2001
T6	Original	Use and Character of Service	1	January 1, 2001
T7	Second Revised	Definitions and Amendments	3	June 20, 2005

TARIFFS

T8	<u>Nineteenth</u> <u>Eighteenth</u> Revised	Transmission Cost Recovery Rider – Non-Bypassable	5	<u>June 1, 2021</u> <u>June 1,</u> <u>2020</u>
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Filed pursuant to the Finding and Order in Case No. 20 547 EL RDR dated May 20, 2020 of the Public Utilities Commission of Ohio.

Issued May 29, 2020  
1, 2020

Effective June 1, 2021June

Issued by  
KRISTINA LUNDVINCENT PARISI, President and Chief Executive Officer

THE DAYTON POWER AND LIGHT COMPANY  
Sheet No. T2  
MacGregor Park  
1065 Woodman Drive  
Sheet No. T2  
Dayton, Ohio 45432

Thirty-Fifth~~Thirty Fourth~~ Revised

Cancels

Thirty-Fourth~~Thirty Third~~ Revised

Page 2 of 1

P.U.C.O. No. 17  
ELECTRIC TRANSMISSION SERVICE  
TARIFF INDEX

---

Filed pursuant to the Finding and Order in Case No. 20~~547~~EL RDR dated May 20, 2020 of the Public Utilities Commission of Ohio.

Issued May 29, 2020  
1, 2020

Effective June 1, 2021~~June~~

Issued by  
KRISTINA LUND~~VINCENT PARISI~~, President and Chief Executive Officer

THE DAYTON POWER AND LIGHT COMPANY  
Sheet No. T8  
MacGregor Park  
1065 Woodman Drive  
Sheet No. T8  
Dayton, Ohio 45432

Nineteenth~~Eighteenth~~ Revised  
Cancels  
Eighteenth~~Seventeenth~~ Revised  
Page 1 of 5

P.U.C.O. No. 17  
ELECTRIC TRANSMISSION SERVICE  
TRANSMISSION COST RECOVERY RIDER – NON-BYPASSABLE (TCRR-N)

DESCRIPTION OF SERVICE:

This Tariff Sheet provides the Customer with retail transmission service. This Transmission Cost Recovery Rider (TCRR-N) is designed to recover transmission-related costs imposed on or charged to the Company by FERC or PJM. These costs include but are not limited to:

- Network Integration Transmission Service (NITS)
- Schedule 1 (Scheduling, System Control and Dispatch Service)
- Schedule 1A (Transmission Owner Scheduling, System Control and Dispatch Services)
- Schedule 2 (Reactive Supply and Voltage Control from Generation or Other Sources Services)
- Schedule 6A (Black Start Service)
- Schedule 7 (Firm Point-To-Point Service Credits to AEP Point of Delivery)
- Schedule 8 (Non-Firm Point-To-Point Service Credits)
- Schedule 10-NERC (North American Electric Reliability Corporation Charge)
- Schedule 10-RFC (Reliability First Corporation Charge)
- Schedule 10-Michigan-Ontario Interface (Phase Angle Regulators Charge)
- Schedule 12 (Transmission Enhancement Charge)
- Schedule 12A(b) (Incremental Capacity Transfer Rights Credit)
- Schedule 13 (Expansion Cost Recovery Charge)
- PJM Emergency Load Response Program – Load Response Charge Allocation
- Part V – Generation Deactivation

APPLICABLE:

Required for any Customer that has not enrolled in the TCRR-N Opt-Out Pilot Program and is served under the Electric Distribution Service Tariff Sheet D17-D25 based on the following rates.

---

Filed pursuant to the Finding and Order in Case No. 20-0547 EL RDR dated May 20, 2020 of the Public Utilities Commission of Ohio.

Issued May 29, 2020  
2020

Effective June 1, 2021~~June 1,~~

Issued by  
KRISTINA LUND~~VINCENT PARISI~~, President and Chief Executive Officer

THE DAYTON POWER AND LIGHT COMPANY  
Sheet No. T8  
MacGregor Park  
1065 Woodman Drive  
Sheet No. T8  
Dayton, Ohio 45432

Nineteenth~~Eighteenth~~ Revised  
Cancels  
Eighteenth~~Seventeenth~~ Revised  
Page 2 of 5

P.U.C.O. No. 17  
ELECTRIC TRANSMISSION SERVICE  
TRANSMISSION COST RECOVERY RIDER – NON-BYPASSABLE (TCRR-N)

**CHARGES:**

**Residential:**

Energy Charge      \$0.0069211~~\$0.0032303~~ per kWh

**Residential Heating:**

Energy Charge      \$0.0069211~~\$0.0032303~~ per kWh

**Secondary:**

Demand Charge      \$2.8583713~~\$0.9383655~~ per kW for all kW of Billing Demand

Energy Charge      \$0.0006747~~\$0.0003877~~ per kWh

County Fair and Agricultural Societies:

Energy Charge      \$0.0119743~~\$0.0035789~~ per kWh

If the Maximum Charge provision contained in Electric Distribution Service Tariff Sheet No. D19 applies, the Customer will be charged an energy charge of \$0.0164007~~\$0.0071578~~ per kWh for all kWh in lieu of the above demand and energy charges.

**Primary:**

Demand Charge      \$2.2907869~~\$0.8855978~~ per kW for all kW of Billing Demand

Energy Charge      \$0.0006747~~\$0.0003877~~ per kWh

County Fair and Agricultural Societies:

Energy Charge      \$0.0054054~~\$0.0024321~~ per kWh

---

Filed pursuant to the Finding and Order in Case No. 20-0547 EL RDR dated May 20, 2020 of the Public Utilities Commission of Ohio.

Issued May 29, 2020  
2020

Effective June 1, 2021~~June 1,~~

Issued by

KRISTINA LUND~~VINCENT PARISI~~, President and Chief Executive Officer

THE DAYTON POWER AND LIGHT COMPANY  
Sheet No. T8  
MacGregor Park  
1065 Woodman Drive  
Sheet No. T8  
Dayton, Ohio 45432

Nineteenth~~Eighteenth~~ Revised  
Cancels  
Eighteenth~~Seventeenth~~ Revised  
Page 3 of 5

P.U.C.O. No. 17  
ELECTRIC TRANSMISSION SERVICE  
TRANSMISSION COST RECOVERY RIDER – NON-BYPASSABLE (TCRR-N)

If the Maximum Charge provision contained in Electric Distribution Service Tariff Sheet No. D20 applies, the Customer will be charged an energy charge of ~~\$0.0135136\$0.0060803~~ per kWh in lieu of the above demand and energy charges.

**Primary-Substation:**

Demand Charge	<u>\$2.2871273\$1.0549357</u> per kW for all kW of Billing Demand
Energy Charge	<u>\$0.0006747\$0.0003877</u> per kWh

**High Voltage:**

Demand Charge	<u>\$2.4315640\$1.0486868</u> per kW for all kW of Billing Demand
Energy Charge	<u>\$0.0006747\$0.0003877</u> per kWh

**Private Outdoor Lighting:**

3,600 Lumens Light Emitting Diode (LED)	<u>\$0.0107912\$0.0050274</u>	/lamp/month
8,400 Lumens Light Emitting Diode (LED)	<u>\$0.0231240\$0.0107730</u>	/lamp/month
9,500 Lumens High Pressure Sodium	<u>\$0.0300612\$0.0140049</u>	/lamp/month
28,000 Lumens High Pressure Sodium	<u>\$0.0739968\$0.0344736</u>	/lamp/month
7,000 Lumens Mercury	<u>\$0.0578100\$0.0269325</u>	/lamp/month
21,000 Lumens Mercury	<u>\$0.1187032\$0.0553014</u>	/lamp/month
2,500 Lumens Incandescent	<u>\$0.0493312\$0.0229824</u>	/lamp/month
7,000 Lumens Fluorescent	<u>\$0.0508728\$0.0237006</u>	/lamp/month
4,000 Lumens PT Mercury	<u>\$0.0331444\$0.0154413</u>	/lamp/month

**Street Lighting:**

---

Filed pursuant to the Finding and Order in Case No. 20-0547 EL RDR dated May 20, 2020 of the Public Utilities Commission of Ohio.

Issued May 29, 2020  
2020

Effective June 1, 2021~~June 1,~~

Issued by

KRISTINA LUND~~VINCENT PARISI~~, President and Chief Executive Officer

THE DAYTON POWER AND LIGHT COMPANY  
Sheet No. T8  
MacGregor Park  
1065 Woodman Drive  
Sheet No. T8  
Dayton, Ohio 45432

Nineteenth~~Eighteenth~~ Revised

Cancels  
Eighteenth~~Seventeenth~~ Revised

Page 4 of 5

P.U.C.O. No. 17  
ELECTRIC TRANSMISSION SERVICE  
TRANSMISSION COST RECOVERY RIDER – NON-BYPASSABLE (TCRR-N)

Energy Charge      \$0.0007686~~\$0.0003637~~ per kWh

**DETERMINATION OF KILOWATT BILLING DEMAND:**

Billing demand shall be determined as defined on the applicable Electric Distribution Service Tariff Sheet Nos. D17 through D25.

**TRANSMISSION RULES AND REGULATIONS:**

All retail electric transmission and ancillary services of the Company are rendered under and subject to the Rules and Regulations contained in this Schedule and any terms and conditions set forth in any Service Agreement between the Company and the Customer.

Except where noted herein, this service shall be provided under the terms, conditions, and rates of PJM's Tariff filed at the Federal Energy Regulatory Commission.

**RIDER UPDATES:**

The charges contained in this Rider shall be updated and reconciled on an annual basis. The TCRR-N shall be filed with the Public Utilities Commission of Ohio on or before March 15 of each year and be effective for bills rendered June 1 through May 31 of the subsequent year, unless otherwise ordered by the Commission.

This Rider is subject to reconciliation, including but not limited to, refunds to customers, based upon the results of audits as approved and ordered by the Commission.

**OPT-OUT PILOT PROGRAM:**

---

Filed pursuant to the Finding and Order in Case No. 20-0547 EL RDR dated May 20, 2020 of the Public Utilities Commission of Ohio.

Issued May 29, 2020  
2020

Effective June 1, 2021~~June 1,~~

Issued by

KRISTINA LUND~~VINCENT PARISI~~, President and Chief Executive Officer

THE DAYTON POWER AND LIGHT COMPANY  
Sheet No. T8  
MacGregor Park  
1065 Woodman Drive  
Sheet No. T8  
Dayton, Ohio 45432

Nineteenth~~Eighteenth~~ Revised

Cancels  
Eighteenth~~Seventeenth~~ Revised

Page 5 of 5

P.U.C.O. No. 17  
ELECTRIC TRANSMISSION SERVICE  
TRANSMISSION COST RECOVERY RIDER – NON-BYPASSABLE (TCRR-N)

Pursuant to the October 20, 2017 Opinion and Order issued by the Public Utilities Commission of Ohio in Case No.16-395-EL-SSO, the Company is implementing a pilot program which enables up to 50 qualifying accounts to opt-out of the TCRR-N for the duration of the pilot program. The pilot program is described in paragraph VI.C. of the March 13, 2017 Amended Stipulation and Recommendation that was filed in Case No. 16-395-EL SSO. To receive additional information, qualified customers should contact transmissionoptout@aes.com.

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Filed pursuant to the Finding and Order in Case No. 20-0547 EL RDR dated May 20, 2020 of the Public Utilities Commission of Ohio.

Issued May 29, 2020  
2020

Effective June 1, 2021~~June 1,~~

Issued by  
KRISTINA LUND~~VINCENT PARISI~~, President and Chief Executive Officer

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Summary of Projected Jurisdictional Net Costs**  
**June 2021 - May 2022**  
**(Revenue)/Expense in \$**

Data: Actual and Forecasted

Type of Filing: Original

Work Paper Reference No(s).: WPB-1

Schedule B-1

Page 1 of 1

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<u>Line</u> (A)	<u>Description</u> (B)	<u>Demand/Energy</u> (C)	<u>Total Costs/Revenues<sup>1</sup></u>
			<u>June 2021 - May 2022</u> (D)
			Schedule C-1, Col (U)
<b>TCRR-N Costs</b>			
1	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	Energy	\$ 8,779
2	Transmission Enhancement Charges (RTEP)	Demand - 1 CP	\$ 8,066,756
3	Reactive Supply and Voltage Control from Gen Sources	Demand - 12 CP	\$ 2,389,284
4	Black Start Service	Demand - 12 CP	\$ 197,225
5	TO Scheduling System Control and Dispatch Service	Energy	\$ 1,031,999
6	NERC/RFC Charges	Energy	\$ 615,226
7	Firm PTP Transmission Service	Demand - 1 CP	\$ -
8	Non-Firm PTP Transmission Service	Demand - 1 CP	\$ (30,957)
9	Network Integration Transmission Service	Demand - 1 CP	\$ 46,598,900
10	Load Response	Energy	\$ 4,521
11	Expansion Cost Recovery Charges (ECRC)	Demand - 1 CP	\$ -
12	PJM Scheduling System Control and Dispatch Service (Admin Fee)	Energy	\$ 4,783,406
13	Michigan - Ontario PARS	Energy	\$ -
14	Incremental Capacity Transfer Rights Credits	Demand - 1 CP	\$ (182,935)
15	TCRR-N SubTotal		\$ 63,482,205
16	Projected TCRR-N Reconciliation		\$ 23,889,940
17	Projected TCRR-N Deferral Carrying Costs		\$ 562,216
18	TCRR-N SubTotal with Deferral		\$ 87,934,362
19	Gross Revenue Conversion Factor (WPB-1)		1.003
20			
21	<b>Total TCRR-N Recovery (Line 18 * Line 19)</b>		<b>\$ 88,163,587</b>

<sup>1</sup>Total Costs/Revenues for all customers not participating in TCRR-N Opt Out Pilot Program as of 3/15/2021

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Summary of Current versus Proposed Revenues**  
**June 2021 - May 2022**  
**(Revenue)/Expense in \$**

Data: Actual and Forecasted

Type of Filing: Original

Work Paper Reference No(s).: WPC-3

Schedule B-2  
Page 1 of 1

Line (A)	Tariff Class (B)	Forecasted Distribution Billing <u>Determinants<sup>1</sup></u> (C) WPC-3, Col (P)	Current		Proposed		\$ Difference (H) = (G) - (E)	% Difference (I) = (H) / (E)
			Rate (D)	Revenue (E) = (C) * (D)	Rate (F)	Revenue (G) = (C) * (F)		
<b>TCRR-N Rates</b>								
1	Residential	5,384,371,252 kWh	\$ 0.0032303	\$ 17,393,134	\$ 0.0069211	\$ 37,265,772	\$ 19,872,637	114%
2								
3	Secondary	451,190,197 0-1500 kWh	\$ 0.0003877	\$ 174,926	\$ 0.0006747	\$ 304,418		
4		3,364,223,175 >1500 kWh	\$ 0.0003877	\$ 1,304,309	\$ 0.0006747	\$ 2,269,841		
5		2,488,060 0-5 kW	\$ 0.9383655	\$ 2,334,710	\$ 2.8583713	\$ 7,111,800		
6		10,487,510 >5 kW	\$ 0.9383655	\$ 9,841,117	\$ 2.8583713	\$ 29,977,197		
7				\$ 13,655,063		\$ 39,663,257	\$ 26,008,193	190%
8								
9	Primary	2,672,480,895 kWh	\$ 0.0003877	\$ 1,036,121	\$ 0.0006747	\$ 1,803,123		
10		5,518,942 kW	\$ 0.8855978	\$ 4,887,563	\$ 2.2907869	\$ 12,642,720		
11		66,487,531 kVar	\$ -	\$ -	\$ -	\$ -		
12				\$ 5,923,684		\$ 14,445,843	\$ 8,522,159	144%
13								
14	Substation	833,112,219 kWh	\$ 0.0003877	\$ 322,998	\$ 0.0006747	\$ 562,101		
15		1,505,367 kW	\$ 1.0549357	\$ 1,588,065	\$ 2.2871273	\$ 3,442,966		
16		661,915 kVar	\$ -	\$ -	\$ -	\$ -		
17				\$ 1,911,063		\$ 4,005,066	\$ 2,094,004	110%
18								
19	High Voltage	979,828,896 kWh	\$ 0.0003877	\$ 379,880	\$ 0.0006747	\$ 661,091		
20		1,877,503 kW	\$ 1.0486868	\$ 1,968,913	\$ 2.4315640	\$ 4,565,269		
21		792,975 kVar	\$ -	\$ -	\$ -	\$ -		
22				\$ 2,348,792		\$ 5,226,359	\$ 2,877,567	123%
23								
24	Private Outdoor Lighting	24,036,660 kWh	\$ 0.0003591	\$ 8,632	\$ 0.0007708	\$ 18,527	\$ 9,896	115%
25								
26	Street Lighting	39,705,042 kWh	\$ 0.0003637	\$ 14,441	\$ 0.0007686	\$ 30,517	\$ 16,077	111%
27								
28	Total TCRR-N Rates			\$ 41,254,809		\$ 100,655,342	\$ 59,400,533	144%

<sup>1</sup> Forecasted Distribution Billing Determinants for all customers not participating in the TCRR-N Pilot Program as of 3/15/2021

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Summary of Current and Proposed Rates**  
**June 2021 - May 2022**

Data: Actual and Forecasted

Type of Filing: Original

Work Paper Reference No(s).: None

Schedule B-3  
Page 1 of 1

<u>Line</u> (A)	<u>Tariff Class</u> (B)	<u>Billing</u>		<u>Billing</u>		<u>\$ Difference</u> (G) = (E) - (C)	<u>% Difference</u> (H) = (G) / (C)
		<u>Current Rates</u> (C)	<u>Units</u> (D)	<u>Proposed Rates</u> (E)	<u>Units</u> (F)		
Schedule C-3							

**TCRR-N Rates**

		<u>TCRR-N</u>		<u>TCRR-N</u>			
1	Residential	\$ 0.0032303 kWh		\$ 0.0069211 kWh		\$ 0.0036908	114.3%
2	Secondary	\$ 0.0003877 0-1500 kWh		\$ 0.0006747 kWh		\$ 0.0002870	74.0%
3		\$ 0.0003877 >1500 kWh		\$ 0.0006747 kWh		\$ 0.0002870	74.0%
4		\$ 0.9383655 kW		\$ 2.8583713 kW		\$ 1.9200058	204.6%
5	Primary	\$ 0.0003877 kWh		\$ 0.0006747 kWh		\$ 0.0002870	74.0%
6		\$ 0.8855978 kW		\$ 2.2907869 kW		\$ 1.4051891	158.7%
7		\$ - kVar		\$ - kVar		\$ -	N/A
8	Substation	\$ 0.0003877 kWh		\$ 0.0006747 kWh		\$ 0.0002870	74.0%
9		\$ 1.0549357 kW		\$ 2.2871273 kW		\$ 1.2321916	116.8%
10		\$ - kVar		\$ - kVar		\$ -	N/A
11	High Voltage	\$ 0.0003877 kWh		\$ 0.0006747 kWh		\$ 0.0002870	74.0%
12		\$ 1.0486868 kW		\$ 2.4315640 kW		\$ 1.3828772	131.9%
13		\$ - kVar		\$ - kVar		\$ -	N/A
14	Private Outdoor Lighting	\$ 0.0003591 kWh		\$ 0.0007708 kWh		\$ 0.0004117	114.6%
15	Streetlighting	\$ 0.0003637 kWh		\$ 0.0007686 kWh		\$ 0.0004049	111.3%

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Typical Bill Comparison**  
**Residential**

Data: Actual and Forecasted

Type of Filing: Original

Work Paper Reference: None

Schedule B-4  
Page 1 of 9

Line No.	Level of (kW)	Level of (kWh)	Total Current Bill	Total Proposed Bill	TCRR-N Dollar Variance (F = E - D)	Total Percent Change (G = F / D)
(A)	(B)	(C)	(D)	(E)		
1	0.0	50	\$12.08	\$12.26	\$0.18	1.49%
2	0.0	100	\$16.23	\$16.60	\$0.37	2.28%
3	0.0	200	\$24.57	\$25.31	\$0.74	3.01%
4	0.0	400	\$41.23	\$42.71	\$1.48	3.59%
5	0.0	500	\$49.55	\$51.40	\$1.85	3.73%
6	0.0	750	\$70.37	\$73.14	\$2.77	3.94%
7	0.0	1,000	\$90.88	\$94.57	\$3.69	4.06%
8	0.0	1,200	\$107.32	\$111.75	\$4.43	4.13%
9	0.0	1,400	\$123.72	\$128.89	\$5.17	4.18%
10	0.0	1,500	\$131.93	\$137.47	\$5.54	4.20%
11	0.0	2,000	\$172.96	\$180.34	\$7.38	4.27%
12	0.0	2,500	\$213.79	\$223.02	\$9.23	4.32%
13	0.0	3,000	\$254.58	\$265.65	\$11.07	4.35%
14	0.0	4,000	\$336.21	\$350.97	\$14.76	4.39%
15	0.0	5,000	\$417.82	\$436.27	\$18.45	4.42%
16	0.0	7,500	\$621.89	\$649.57	\$27.68	4.45%

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Typical Bill Comparison**  
**Secondary Unmetered**

Data: Actual and Forecasted

Type of Filing: Original

Work Paper Reference: None

Schedule B-4  
Page 2 of 9

Line No.	Level of (kW)	Level of (kWh)	Total Current Bill	Total Proposed Bill	TCRR-N Dollar Variance (F = E - D)	Total Percent Change (G = F / D)
(A)	(B)	(C)	(D)	(E)		
1	0.0	50	\$16.56	\$19.43	\$2.87	17.33%
2	0.0	100	\$19.57	\$22.46	\$2.89	14.77%
3	0.0	150	\$22.59	\$25.49	\$2.90	12.84%
4	0.0	200	\$25.59	\$28.51	\$2.92	11.41%
5	0.0	300	\$31.62	\$34.57	\$2.95	9.33%
6	0.0	400	\$37.64	\$40.61	\$2.97	7.89%
7	0.0	500	\$43.66	\$46.66	\$3.00	6.87%
8	0.0	600	\$49.69	\$55.58	\$5.89	11.85%
9	0.0	800	\$61.74	\$67.69	\$5.95	9.64%
10	0.0	1,000	\$73.78	\$79.79	\$6.01	8.15%
11	0.0	1,200	\$85.83	\$94.75	\$8.92	10.39%
12	0.0	1,400	\$97.86	\$106.84	\$8.98	9.18%
13	0.0	1,600	\$109.53	\$121.42	\$11.89	10.86%
14	0.0	2,000	\$132.09	\$144.09	\$12.00	9.08%
15	0.0	2,200	\$143.28	\$158.20	\$14.92	10.41%
16	0.0	2,400	\$154.47	\$169.45	\$14.98	9.70%

Under the Proposed Rates, Secondary customers are charged for all kWh and all kW of billing demand.

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Typical Bill Comparison**  
**Secondary Single Phase**

Data: Actual and Forecasted

Type of Filing: Original

Work Paper Reference: None

Schedule B-4  
Page 3 of 9

Line No.	Level of (kW)	Level of (kWh)	Total Current Bill	Total Proposed Bill	TCRR-N Dollar Variance (F = E - D)	Total Percent Change (G = F / D)
(A)	(B)	(C)	(D)	(E)		
1	5	750	\$81.15	\$95.66	\$14.51	17.88%
2	5	1,500	\$128.54	\$143.26	\$14.72	11.45%
3	10	1,500	\$146.27	\$170.59	\$24.32	16.63%
4	25	5,000	\$429.64	\$483.76	\$54.12	12.60%
5	25	7,500	\$569.50	\$624.34	\$54.84	9.63%
6	25	10,000	\$709.37	\$764.93	\$55.56	7.83%
7	50	15,000	\$1,120.37	\$1,225.36	\$104.99	9.37%
8	50	25,000	\$1,674.24	\$1,782.10	\$107.86	6.44%
9	200	50,000	\$3,846.63	\$4,249.67	\$403.04	10.48%
10	200	100,000	\$6,615.94	\$7,033.33	\$417.39	6.31%
11	300	125,000	\$8,525.75	\$9,142.31	\$616.56	7.23%
12	500	200,000	\$13,696.27	\$14,718.36	\$1,022.09	7.46%
13	1,000	300,000	\$21,815.67	\$23,826.47	\$2,010.80	9.22%
14	1,000	500,000	\$32,802.93	\$34,871.13	\$2,068.20	6.30%
15	2,500	750,000	\$54,414.29	\$59,434.25	\$5,019.96	9.23%
16	2,500	1,000,000	\$67,847.59	\$72,939.30	\$5,091.71	7.50%

Under the Proposed Rates, Secondary customers are charged for all kWh and all kW of billing demand.

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Typical Bill Comparison**  
**Secondary Three Phase**

Data: Actual and Forecasted

Type of Filing: Original

Work Paper Reference: None

Schedule B-4  
Page 4 of 9

Line No.	Level of (kW)	Level of (kWh)	Total Current Bill	Total Proposed Bill	TCRR-N Dollar Variance (F = E - D)	Total Percent Change (G = F / D)
(A)	(B)	(C)	(D)	(E)		
1	5	500	\$68.09	\$82.52	\$14.43	21.20%
2	5	1,500	\$137.20	\$151.92	\$14.72	10.73%
3	10	1,500	\$154.93	\$179.25	\$24.32	15.70%
4	25	5,000	\$438.29	\$492.41	\$54.12	12.35%
5	25	7,500	\$578.15	\$632.99	\$54.84	9.49%
6	25	10,000	\$718.02	\$773.58	\$55.56	7.74%
7	50	25,000	\$1,682.90	\$1,790.76	\$107.86	6.41%
8	200	50,000	\$3,855.28	\$4,258.32	\$403.04	10.45%
9	200	125,000	\$8,009.25	\$8,433.81	\$424.56	5.30%
10	500	200,000	\$13,704.93	\$14,727.02	\$1,022.09	7.46%
11	1,000	300,000	\$21,824.33	\$23,835.13	\$2,010.80	9.21%
12	1,000	500,000	\$32,811.59	\$34,879.79	\$2,068.20	6.30%
13	2,500	750,000	\$54,422.95	\$59,442.91	\$5,019.96	9.22%
14	2,500	1,000,000	\$67,856.25	\$72,947.96	\$5,091.71	7.50%
15	5,000	1,500,000	\$107,552.72	\$117,587.94	\$10,035.22	9.33%
16	5,000	2,000,000	\$134,120.37	\$144,299.09	\$10,178.72	7.59%

Under the Proposed Rates, Secondary customers are charged for all kWh and all kW of billing demand.

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Typical Bill Comparison**  
**Primary Service**

Data: Actual and Forecasted

Type of Filing: Original

Work Paper Reference: None

Schedule B-4  
Page 5 of 9

Line No.	Level of (kW)	Level of (kWh)	Total Current Bill	Total Proposed Bill	TCRR-N Dollar Variance (F = E - D)	Total Percent Change (G = F / D)
(A)	(B)	(C)	(D)	(E)		
1	5	1,000	\$307.13	\$314.45	\$7.32	2.38%
2	5	2,500	\$388.78	\$396.53	\$7.75	1.99%
3	10	5,000	\$544.86	\$560.35	\$15.49	2.84%
4	25	7,500	\$742.56	\$779.84	\$37.28	5.02%
5	25	10,000	\$877.85	\$915.85	\$38.00	4.33%
6	50	20,000	\$1,520.23	\$1,596.23	\$76.00	5.00%
7	50	30,000	\$2,055.86	\$2,134.73	\$78.87	3.84%
8	200	50,000	\$3,750.75	\$4,046.14	\$295.39	7.88%
9	200	75,000	\$5,089.84	\$5,392.41	\$302.57	5.94%
10	200	100,000	\$6,428.92	\$6,738.66	\$309.74	4.82%
11	500	250,000	\$15,710.65	\$16,484.99	\$774.34	4.93%
12	1,000	500,000	\$31,180.10	\$32,728.79	\$1,548.69	4.97%
13	2,500	1,000,000	\$63,896.95	\$67,696.92	\$3,799.97	5.95%
14	5,000	2,500,000	\$151,933.92	\$159,677.37	\$7,743.45	5.10%
15	10,000	5,000,000	\$302,126.52	\$317,613.41	\$15,486.89	5.13%
16	25,000	7,500,000	\$493,890.88	\$531,173.11	\$37,282.23	7.55%
17	25,000	10,000,000	\$623,297.63	\$661,297.36	\$37,999.73	6.10%
18	50,000	15,000,000	\$986,040.36	\$1,060,604.82	\$74,564.46	7.56%

For the purpose of typical bill comparison, a 90% Power Factor is assumed.

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Typical Bill Comparison**  
**Primary Substation**

Data: Actual and Forecasted

Type of Filing: Original

Work Paper Reference: None

Schedule B-4  
Page 6 of 9

Line No.	Level of (kW)	Level of (kWh)	Total Current Bill	Total Proposed Bill	TCRR-N Dollar Variance (F = E - D)	Total Percent Change (G = F / D)
(A)	(B)	(C)	(D)	(E)	(F = E - D)	(G = F / D)
1	3,000	1,000,000	\$61,510.70	\$65,494.27	\$3,983.57	6.48%
2	5,000	2,000,000	\$118,270.10	\$125,005.06	\$6,734.96	5.69%
3	5,000	3,000,000	\$169,433.40	\$176,455.36	\$7,021.96	4.14%
4	10,000	4,000,000	\$234,586.99	\$248,056.91	\$13,469.92	5.74%
5	10,000	5,000,000	\$285,750.29	\$299,507.21	\$13,756.92	4.81%
6	15,000	6,000,000	\$350,903.89	\$371,108.76	\$20,204.87	5.76%
7	15,000	7,000,000	\$402,067.19	\$422,559.06	\$20,491.87	5.10%
8	15,000	8,000,000	\$453,230.49	\$474,009.36	\$20,778.87	4.58%
9	25,000	9,000,000	\$532,374.39	\$565,762.18	\$33,387.79	6.27%
10	25,000	10,000,000	\$583,537.69	\$617,212.48	\$33,674.79	5.77%
11	30,000	12,500,000	\$725,436.23	\$765,989.48	\$40,553.25	5.59%
12	30,000	15,000,000	\$853,344.48	\$894,615.23	\$41,270.75	4.84%
13	50,000	17,500,000	\$1,037,213.90	\$1,103,845.98	\$66,632.08	6.42%
14	50,000	20,000,000	\$1,165,122.15	\$1,232,471.73	\$67,349.58	5.78%
15	50,000	25,000,000	\$1,420,938.65	\$1,489,723.23	\$68,784.58	4.84%

For the purpose of typical bill comparison, a 90% Power Factor is assumed.

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Typical Bill Comparison**  
**High Voltage Service**

Data: Actual and Forecasted

Type of Filing: Original

Work Paper Reference: None

Schedule B-4  
Page 7 of 9

Line No.	Level of (kW)	Level of (kWh)	Total Current Bill	Total Proposed Bill	TCRR-N Dollar Variance (F = E - D)	Total Percent Change (G = F / D)
(A)	(B)	(C)	(D)	(E)	(F = E - D)	(G = F / D)
1	1,000	500,000	\$29,630.67	\$31,157.05	\$1,526.38	5.15%
2	2,000	1,000,000	\$57,875.17	\$60,927.92	\$3,052.75	5.27%
3	3,000	1,500,000	\$85,519.95	\$90,099.08	\$4,579.13	5.35%
4	3,500	2,000,000	\$112,122.99	\$117,537.06	\$5,414.07	4.83%
5	5,000	2,500,000	\$140,809.50	\$148,441.39	\$7,631.89	5.42%
6	7,500	3,000,000	\$171,579.50	\$182,812.08	\$11,232.58	6.55%
7	7,500	4,000,000	\$222,702.10	\$234,221.68	\$11,519.58	5.17%
8	10,000	5,000,000	\$279,033.39	\$294,297.16	\$15,263.77	5.47%
9	10,000	6,000,000	\$330,155.99	\$345,706.76	\$15,550.77	4.71%
10	12,500	7,000,000	\$386,487.29	\$405,782.26	\$19,294.97	4.99%
11	12,500	8,000,000	\$437,609.89	\$457,191.86	\$19,581.97	4.47%
12	15,000	9,000,000	\$493,941.17	\$517,267.33	\$23,326.16	4.72%
13	20,000	10,000,000	\$555,481.16	\$586,008.70	\$30,527.54	5.50%
14	40,000	20,000,000	\$1,108,376.69	\$1,169,431.78	\$61,055.09	5.51%
15	60,000	30,000,000	\$1,661,272.23	\$1,752,854.86	\$91,582.63	5.51%

For the purpose of typical bill comparison, a 90% Power Factor is assumed.

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Typical Bill Comparison**  
**Private Outdoor Lighting**

Data: Actual and Forecasted

Type of Filing: Original

Work Paper Reference: None

Schedule B-4  
Page 8 of 9

Line No.	Fixture	Level of (kWh)	Total Current Bill	Total Proposed Bill	TCRR-N Dollar Variance (F = E - D)	Total Percent Change (G = F / D)
(A)	(B)	(C)	(D)	(E)	(F = E - D)	(G = F / D)
1	7000 -					
2	Mercury	75	\$15.84	\$15.87	\$0.03	0.19%
3	21000 -					
4	Mercury	154	\$20.30	\$20.36	\$0.06	0.30%
5	2500 -					
6	Incandescent	64	\$15.30	\$15.33	\$0.03	0.20%
7	7000 -					
8	Fluorescent	66	\$15.51	\$15.54	\$0.03	0.19%
9	4000 -					
10	Mercury	43	\$14.49	\$14.51	\$0.02	0.14%
11	9500 - High					
12	Pressure Sodium	39	\$13.79	\$13.81	\$0.02	0.15%
13	28000 - High					
14	Pressure Sodium	96	\$17.00	\$17.04	\$0.04	0.24%
15	3600					
16	LED	14	\$12.38	\$12.39	\$0.01	0.08%
17	8400					
18	LED	30	\$13.26	\$13.27	\$0.01	0.08%

Note: Current and proposed bills included monthly charge for 1 fixture

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Typical Bill Comparison**  
**Street Lighting**

Data: Actual and Forecasted

Type of Filing: Original

Work Paper Reference: None

Schedule B-4  
Page 9 of 9

Line No.	Level of (kW)	Level of (kWh)	Total Current Bill	Total Proposed Bill	TCRR-N Dollar Variance (F = E - D)	Total Percent Change (G = F / D)
(A)	(B)	(C)	(D)	(E)		
1	0.0	50	\$11.77	\$11.79	\$0.02	0.17%
2	0.0	100	\$15.30	\$15.34	\$0.04	0.26%
3	0.0	200	\$22.36	\$22.44	\$0.08	0.36%
4	0.0	400	\$36.50	\$36.66	\$0.16	0.44%
5	0.0	500	\$43.57	\$43.77	\$0.20	0.46%
6	0.0	750	\$61.25	\$61.55	\$0.30	0.49%
7	0.0	1,000	\$78.90	\$79.30	\$0.40	0.51%
8	0.0	1,200	\$93.04	\$93.53	\$0.49	0.53%
9	0.0	1,400	\$107.17	\$107.74	\$0.57	0.53%
10	0.0	1,600	\$121.29	\$121.94	\$0.65	0.54%
11	0.0	2,000	\$149.56	\$150.37	\$0.81	0.54%
12	0.0	2,500	\$184.68	\$185.69	\$1.01	0.55%
13	0.0	3,000	\$219.78	\$220.99	\$1.21	0.55%
14	0.0	4,000	\$289.99	\$291.61	\$1.62	0.56%
15	0.0	5,000	\$360.21	\$362.23	\$2.02	0.56%

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Projected Monthly Jurisdictional Net Costs**  
**June 2021 - May 2022**  
**(Revenue)/Expense in \$**

Data: Forecasted  
Type of Filing: Revised  
Work Paper Reference No(s).: WPC-1a

Schedule C-1  
Page 1 of 2

Line (A)	Description (B)	Type of Charge (C)	2021 Forecast								Total Forecast (K) = Sum (D) thru (J)
			Jun (D)	Jul (E)	Aug (F)	Sep (G)	Oct (H)	Nov (I)	Dec (J)		
WPC-1a, Col (E), Lines 1 thru 19	WPC-1a, Col (E), Lines 20 thru 38	WPC-1a, Col (E), Lines 39 thru 57	WPC-1a, Col (E), Lines 58 thru 76	WPC-1a, Col (E), Lines 77 thru 95	WPC-1a, Col (E), Lines 96 thru 114	WPC-1a, Col (E), Lines 115 thru 133					
TCRR-N Costs & Revenues											
1 Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	Energy	\$ 745	\$ 908	\$ 811	\$ 690	\$ 647	\$ 657	\$ 774	\$ 5,231		
2 Transmission Enhancement Charges (RTEP)	Demand - 1 CP	\$ 647,824	\$ 648,067	\$ 646,368	\$ 658,089	\$ 664,196	\$ 702,211	\$ 845,822	\$ 4,812,579		
3 Reactive Supply and Voltage Control from Gen Sources	Demand - 12 CP	\$ 197,806	\$ 197,987	\$ 197,225	\$ 198,743	\$ 198,484	\$ 197,035	\$ 198,975	\$ 1,386,255		
4 Black Start Service	Demand - 12 CP	\$ 8,970	\$ 15,277	\$ 15,274	\$ 6,398	\$ 30,760	\$ 15,258	\$ 15,408	\$ 107,345		
5 TO Scheduling System Control and Dispatch Service	Energy	\$ 84,567	\$ 105,129	\$ 93,855	\$ 79,830	\$ 74,924	\$ 76,065	\$ 89,637	\$ 604,006		
6 NERC/RFC Charges	Energy	\$ 47,603	\$ 58,966	\$ 52,644	\$ 44,772	\$ 42,021	\$ 42,660	\$ 50,271	\$ 338,938		
7 Firm PTP Transmission Service	Demand - 1 CP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
8 Non-Firm PTP Transmission Service	Demand - 1 CP	\$ (1,803)	\$ (2,481)	\$ (3,548)	\$ (4,285)	\$ (2,457)	\$ (3,952)	\$ (4,794)	\$ (23,321)		
9 Network Integration Transmission Service	Demand - 1 CP	\$ 3,730,615	\$ 3,828,237	\$ 3,828,237	\$ 3,730,615	\$ 3,828,237	\$ 3,730,615	\$ 3,828,237	\$ 26,504,791		
10 Load Response	Energy	\$ -	\$ 820	\$ 1,696	\$ 1,481	\$ 510	\$ 7	\$ 6	\$ 4,521		
11 Expansion Cost Recovery Charges (ECRC)	Demand - 1 CP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
12 PJM Scheduling System Control and Dispatch Service (Admin Fee)	Energy	\$ 443,307	\$ 509,043	\$ 457,224	\$ 389,756	\$ 307,042	\$ 311,560	\$ 365,461	\$ 2,783,392		
13 Michigan - Ontario PARS	Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
14 Incremental Capacity Transfer Rights Credits	Demand - 1 CP	\$ -	\$ (24,275)	\$ (24,274)	\$ (23,485)	\$ (24,082)	\$ (23,305)	\$ (24,086)	\$ (143,506)		
15 TCRR-N SubTotal		\$ 5,158,888	\$ 5,336,770	\$ 5,264,701	\$ 5,081,915	\$ 5,119,635	\$ 5,048,153	\$ 5,364,938	\$ 36,374,999		
16 TCRR-N Deferral carrying costs		\$ 92,155	\$ 84,159	\$ 73,587	\$ 62,965	\$ 55,707	\$ 51,352	\$ 46,499	\$ 466,424		
17											
18 Total TCRR-N Demand - 1 CP costs		\$ 4,376,636	\$ 4,449,547	\$ 4,446,783	\$ 4,360,934	\$ 4,465,894	\$ 4,405,568	\$ 4,645,179	\$ 31,150,542		
19 Total TCRR-N Demand - 12 CP costs		\$ 206,776	\$ 213,264	\$ 212,499	\$ 205,142	\$ 229,244	\$ 212,292	\$ 214,383	\$ 1,493,600		
20 Total TCRR-N Energy costs		\$ 575,477	\$ 673,958	\$ 605,418	\$ 515,839	\$ 424,497	\$ 430,292	\$ 505,375	\$ 3,730,857		
21											
22 Total TCRR-N including carrying costs		\$ 5,251,043	\$ 5,420,929	\$ 5,338,287	\$ 5,144,880	\$ 5,175,342	\$ 5,099,504	\$ 5,411,436	\$ 36,841,423		

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Projected Monthly Jurisdictional Net Costs**  
**June 2021 - May 2022**  
**(Revenue)/Expense in \$**

Data: Forecasted  
Type of Filing: Original  
Work Paper Reference No(s).: WPC-1a

Schedule C-1  
Page 2 of 2

Line (L)	Description (M)	Type of Charge (N)	2022 Forecast					Total Forecast Jan - May 2022 (T) = sum (O) thru (S)	Total Forecast Jun 2021 - May 2022 (U) = (K) + (T)	
			Jan (O)	Feb (P)	Mar (Q)	Apr (R)	May (S)			
<b>WPC-1a, Col (E), WPC-1a, Col (E), WPC-1a, Col (E), Lines 134 thru 152, WPC-1a, Col (E), Lines 153 thru 171, WPC-1a, Col (E), Lines 172 thru 190, WPC-1a, Col (E), Lines 191 thru 209, WPC-1a, Col (E), Lines 210 thru 228</b>										
TCRR-N Costs & Revenues										
23	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	Energy	\$ 919	\$ 762	\$ 680	\$ 576	\$ 611	\$ 3,549	\$ 8,779	
24	Transmission Enhancement Charges (RTEP)	Demand - 1 CP	\$ 650,742	\$ 650,732	\$ 650,886	\$ 650,908	\$ 650,910	\$ 3,254,178	\$ 8,066,756	
25	Reactive Supply and Voltage Control from Gen Sources	Demand - 12 CP	\$ 201,786	\$ 201,450	\$ 200,359	\$ 199,947	\$ 199,487	\$ 1,003,030	\$ 2,389,284	
26	Black Start Service	Demand - 12 CP	\$ 15,627	\$ 27,652	\$ 15,567	\$ 15,535	\$ 15,499	\$ 89,880	\$ 197,225	
27	TO Scheduling System Control and Dispatch Service	Energy	\$ 92,687	\$ 99,654	\$ 88,917	\$ 75,362	\$ 71,372	\$ 427,993	\$ 1,031,999	
28	NERC/RFC Charges	Energy	\$ 105,415	\$ 49,517	\$ 44,180	\$ 37,445	\$ 39,732	\$ 276,288	\$ 615,226	
29	Firm PTP Transmission Service	Demand - 1 CP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
30	Non-Firm PTP Transmission Service	Demand - 1 CP	\$ (2,301)	\$ (1,732)	\$ (1,366)	\$ (607)	\$ (1,630)	\$ (7,636)	\$ (30,957)	
31	Network Integration Transmission Service	Demand - 1 CP	\$ 4,578,862	\$ 4,128,159	\$ 3,828,237	\$ 3,730,615	\$ 3,828,237	\$ 20,094,109	\$ 46,598,900	
32	Load Response	Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,521	
33	Expansion Cost Recovery Charges (ECRC)	Demand - 1 CP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
34	PJM Scheduling System Control and Dispatch Service (Admin Fee)	Energy	\$ 513,950	\$ 400,888	\$ 358,739	\$ 352,787	\$ 373,648	\$ 2,000,014	\$ 4,783,406	
35	Michigan - Ontario PARS	Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
36	Incremental Capacity Transfer Rights Credits	Demand - 1 CP	\$ (25,452)	\$ (4,503)	\$ (4,814)	\$ (4,660)	\$ -	\$ (39,428)	\$ (182,935)	
37	TCRR-N SubTotal		\$ 6,131,315	\$ 5,551,817	\$ 5,180,705	\$ 5,057,333	\$ 5,177,257	\$ 27,098,427	\$ 63,473,426	
38	TCRR-N Deferral carrying costs		\$ 38,431	\$ 28,179	\$ 17,877	\$ 8,823	\$ 2,482	\$ 95,793	\$ 562,216	
39										
40	Total TCRR-N Demand - 1 CP costs		\$ 5,201,850	\$ 4,772,656	\$ 4,472,943	\$ 4,376,256	\$ 4,477,517	\$ 23,301,222	\$ 54,451,765	
41	Total TCRR-N Demand - 12 CP costs		\$ 217,412	\$ 229,102	\$ 215,927	\$ 215,482	\$ 214,986	\$ 1,092,909	\$ 2,586,509	
42	Total TCRR-N Energy costs		\$ 712,052	\$ 550,059	\$ 491,836	\$ 465,594	\$ 484,753	\$ 2,704,295	\$ 6,435,152	
43										
44	<b>Total TCRR-N including carrying costs</b>		<b>\$ 6,169,746</b>	<b>\$ 5,579,996</b>	<b>\$ 5,198,582</b>	<b>\$ 5,066,156</b>	<b>\$ 5,179,739</b>	<b>\$ 27,194,220</b>	<b>\$ 64,035,643</b>	

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Projected Monthly Costs by Tariff Class**  
**June 2021 - May 2022**

Data: Forecasted

Type of Filing: Original

Work Paper Reference No(s).: WPC-2a

Schedule C-2  
Page 1 of 2

Line (A)	Description (B)	Tariff Allocator (C) WPC-2a Col (D), (F), (H)	2021 Forecast									Source (K)
			Jun (D)	Jul (E)	Aug (F)	Sep (G)	Oct (H)	Nov (I)	Dec (J)			
1	<b>TCRR-N Demand-Based Costs - 1 CP</b>		\$ 4,376,636	\$ 4,449,547	\$ 4,446,783	\$ 4,360,934	\$ 4,465,894	\$ 4,405,568	\$ 4,645,179			Schedule C-1, Page 1, Line 18
2	<u>Tariff Class</u>											
3	Residential	42.04%	\$ 1,839,798	\$ 1,870,448	\$ 1,869,285	\$ 1,833,197	\$ 1,877,319	\$ 1,851,960	\$ 1,952,685			Col (C) * Line 1
4	Secondary	32.40%	\$ 1,418,204	\$ 1,441,830	\$ 1,440,935	\$ 1,413,116	\$ 1,447,127	\$ 1,427,579	\$ 1,505,223			Col (C) * Line 1
5	Primary	15.55%	\$ 680,684	\$ 692,024	\$ 691,594	\$ 678,243	\$ 694,567	\$ 685,184	\$ 722,450			Col (C) * Line 1
6	Primary Substation	4.25%	\$ 186,140	\$ 189,240	\$ 189,123	\$ 185,472	\$ 189,936	\$ 187,370	\$ 197,561			Col (C) * Line 1
7	High Voltage	5.75%	\$ 251,810	\$ 256,005	\$ 255,846	\$ 250,906	\$ 256,945	\$ 253,474	\$ 267,260			Col (C) * Line 1
8	Private Outdoor Lighting	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			Col (C) * Line 1
9	Street Lighting	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			Col (C) * Line 1
10	<b>Total TCRR-N Demand Costs</b>	100.00%	\$ 4,376,636	\$ 4,449,547	\$ 4,446,783	\$ 4,360,934	\$ 4,465,894	\$ 4,405,568	\$ 4,645,179			Sum (Line 3 thru 10)
11												
12	<b>TCRR-N Demand-Based Costs - 12 CP</b>		\$ 206,776	\$ 213,264	\$ 212,499	\$ 205,142	\$ 229,244	\$ 212,292	\$ 214,383			Schedule C-1, Page 1, Line 19
13	<u>Tariff Class</u>											
14	Residential	43.39%	\$ 89,714	\$ 92,529	\$ 92,197	\$ 89,005	\$ 99,462	\$ 92,107	\$ 93,015			Col (C) * Line 13
15	Secondary	29.39%	\$ 60,771	\$ 62,679	\$ 62,454	\$ 60,291	\$ 67,375	\$ 62,393	\$ 63,007			Col (C) * Line 13
16	Primary	16.86%	\$ 34,866	\$ 35,960	\$ 35,831	\$ 34,590	\$ 38,654	\$ 35,796	\$ 36,148			Col (C) * Line 13
17	Primary Substation	4.55%	\$ 9,414	\$ 9,710	\$ 9,675	\$ 9,340	\$ 10,437	\$ 9,665	\$ 9,761			Col (C) * Line 13
18	High Voltage	5.78%	\$ 11,960	\$ 12,335	\$ 12,291	\$ 11,865	\$ 13,259	\$ 12,279	\$ 12,400			Col (C) * Line 13
19	Private Outdoor Lighting	0.01%	\$ 19	\$ 20	\$ 20	\$ 19	\$ 22	\$ 20	\$ 20			Col (C) * Line 13
20	Street Lighting	0.02%	\$ 31	\$ 32	\$ 32	\$ 31	\$ 35	\$ 32	\$ 32			Col (C) * Line 13
21	<b>Total TCRR-N Demand Costs</b>	100.00%	\$ 206,776	\$ 213,264	\$ 212,499	\$ 205,142	\$ 229,244	\$ 212,292	\$ 214,383			Sum (Line 15 thru 22)
22												
23	<b>TCRR-N Energy-Based Costs</b>		\$ 575,477	\$ 673,958	\$ 605,418	\$ 515,839	\$ 424,497	\$ 430,292	\$ 505,375			Schedule C-1, Page 1, Line 20
24	<u>Tariff Class</u>											
25	Residential	40.65%	\$ 233,928	\$ 273,960	\$ 246,099	\$ 209,686	\$ 172,556	\$ 174,911	\$ 205,432			Col (C) * Line 25
26	Secondary	25.01%	\$ 143,907	\$ 168,534	\$ 151,395	\$ 128,994	\$ 106,153	\$ 107,602	\$ 126,377			Col (C) * Line 25
27	Primary	20.18%	\$ 116,108	\$ 135,977	\$ 122,149	\$ 104,075	\$ 85,646	\$ 86,815	\$ 101,964			Col (C) * Line 25
28	Primary Substation	6.29%	\$ 36,195	\$ 42,389	\$ 38,078	\$ 32,444	\$ 26,699	\$ 27,064	\$ 31,786			Col (C) * Line 25
29	High Voltage	7.40%	\$ 42,569	\$ 49,854	\$ 44,784	\$ 38,158	\$ 31,401	\$ 31,830	\$ 37,384			Col (C) * Line 25
30	Private Outdoor Lighting	0.18%	\$ 1,044	\$ 1,223	\$ 1,099	\$ 936	\$ 770	\$ 781	\$ 917			Col (C) * Line 25
31	Street Lighting	0.30%	\$ 1,725	\$ 2,020	\$ 1,815	\$ 1,546	\$ 1,272	\$ 1,290	\$ 1,515			Col (C) * Line 25
32	<b>Total TCRR-N Energy Costs</b>	100.00%	\$ 575,477	\$ 673,958	\$ 605,418	\$ 515,839	\$ 424,497	\$ 430,292	\$ 505,375			Sum (Line 27 thru 34)

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Projected Monthly Costs by Tariff Class**  
**June 2021 - May 2022**

Data: Forecasted

Type of Filing: Original

Work Paper Reference No(s).: WPC-2

Schedule C-2  
Page 2 of 2

Line (L)	Description (M)	Tariff Allocator (N)	2022 Forecast					Source (T)	Total Forecast Costs June 2021 - May 2022 (U) = Sum (D) thru (J) and Sum (O) thru (S)
			Jan (O)	Feb (P)	Mar (Q)	Apr (R)	May (S)		
WPC-2 Col (D), (F), (H)									
1	<b>TCRR-N Demand-Based Costs - 1 CP</b>		\$ 5,201,850	\$ 4,772,656	\$ 4,472,943	\$ 4,376,256	\$ 4,477,517	Schedule C-1, Page 2, Line 18	
2	<b>Tariff Class</b>								
3	Residential	42.04%	\$ 2,186,692	\$ 2,006,272	\$ 1,880,282	\$ 1,839,638	\$ 1,882,205	Col (N) * Line 1	\$ 22,889,781
4	Secondary	32.40%	\$ 1,685,607	\$ 1,546,531	\$ 1,449,411	\$ 1,418,081	\$ 1,450,894	Col (N) * Line 1	\$ 17,644,539
5	Primary	15.55%	\$ 809,028	\$ 742,276	\$ 695,663	\$ 680,626	\$ 696,374	Col (N) * Line 1	\$ 8,468,713
6	Primary Substation	4.25%	\$ 221,236	\$ 202,982	\$ 190,235	\$ 186,123	\$ 190,430	Col (N) * Line 1	\$ 2,315,849
7	High Voltage	5.75%	\$ 299,288	\$ 274,595	\$ 257,351	\$ 251,788	\$ 257,614	Col (N) * Line 1	\$ 3,132,883
8	Private Outdoor Lighting	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -	Col (N) * Line 1	\$ -
9	Street Lighting	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -	Col (N) * Line 1	\$ -
10	<b>Total TCRR-N Demand Costs</b>	100.00%	\$ 5,201,850	\$ 4,772,656	\$ 4,472,943	\$ 4,376,256	\$ 4,477,517	Sum (Line 3 thru 9)	\$ 54,451,765
11									
12	<b>TCRR-N Demand-Based Costs - 12 CP</b>		\$ 217,412	\$ 229,102	\$ 215,927	\$ 215,482	\$ 214,986	Schedule C-1, Page 2, Line 19	
13	<b>Tariff Class</b>								
14	Residential	43.39%	\$ 94,329	\$ 99,401	\$ 93,684	\$ 93,491	\$ 93,276	Col (N) * Line 12	\$ 1,122,210
15	Secondary	29.39%	\$ 63,898	\$ 67,333	\$ 63,461	\$ 63,330	\$ 63,185	Col (N) * Line 12	\$ 760,177
16	Primary	16.86%	\$ 36,659	\$ 38,630	\$ 36,409	\$ 36,334	\$ 36,250	Col (N) * Line 12	\$ 436,126
17	Primary Substation	4.55%	\$ 9,898	\$ 10,431	\$ 9,831	\$ 9,811	\$ 9,788	Col (N) * Line 12	\$ 117,760
18	High Voltage	5.78%	\$ 12,575	\$ 13,251	\$ 12,489	\$ 12,463	\$ 12,435	Col (N) * Line 12	\$ 149,602
19	Private Outdoor Lighting	0.01%	\$ 20	\$ 21	\$ 20	\$ 20	\$ 20	Col (N) * Line 12	\$ 243
20	Street Lighting	0.02%	\$ 33	\$ 35	\$ 33	\$ 33	\$ 33	Col (N) * Line 12	\$ 392
21	<b>Total TCRR-N Demand Costs</b>	100.00%	\$ 217,412	\$ 229,102	\$ 215,927	\$ 215,482	\$ 214,986	Sum (Line 14 thru 20)	\$ 2,586,509
22									
23	<b>TCRR-N Energy-Based Costs</b>		\$ 712,052	\$ 550,059	\$ 491,836	\$ 465,594	\$ 484,753	Schedule C-1, Page 2, Line 20	
24	<b>Tariff Class</b>								
25	Residential	40.65%	\$ 289,445	\$ 223,596	\$ 199,928	\$ 189,261	\$ 197,049	Col (N) * Line 23	\$ 2,615,849
26	Secondary	25.01%	\$ 178,060	\$ 137,551	\$ 122,992	\$ 116,430	\$ 121,221	Col (N) * Line 23	\$ 1,609,216
27	Primary	20.18%	\$ 143,663	\$ 110,980	\$ 99,233	\$ 93,938	\$ 97,803	Col (N) * Line 23	\$ 1,298,352
28	Primary Substation	6.29%	\$ 44,785	\$ 34,596	\$ 30,934	\$ 29,284	\$ 30,489	Col (N) * Line 23	\$ 404,745
29	High Voltage	7.40%	\$ 52,672	\$ 40,689	\$ 36,382	\$ 34,441	\$ 35,858	Col (N) * Line 23	\$ 476,023
30	Private Outdoor Lighting	0.18%	\$ 1,292	\$ 998	\$ 893	\$ 845	\$ 880	Col (N) * Line 23	\$ 11,678
31	Street Lighting	0.30%	\$ 2,134	\$ 1,649	\$ 1,474	\$ 1,396	\$ 1,453	Col (N) * Line 23	\$ 19,290
32	<b>Total TCRR-N Energy Costs</b>	100.00%	\$ 712,052	\$ 550,059	\$ 491,836	\$ 465,594	\$ 484,753	Sum (Line 25 thru 31)	\$ 6,435,152

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Summary of Proposed Rates**  
**June 2021 - May 2022**

Data: Forecasted

Type of Filing: Original

Work Paper Reference No(s).: None

Schedule C-3  
Page 1 of 1

**TCRR-N Rates**

<u>Line</u> (A)	<u>Description</u> (B)	Residential	Secondary	Primary	Primary Substation	High Voltage	Private Outdoor Lighting	Street Lighting	<u>Source</u> (J)
		(C)	(D)	(E)	(F)	(G)	(H)	(I)	
1	TCRR-N Base Rates								
2	Demand (kWh, kW)	\$ 0.0044712	\$ 2.1159273	\$ 1.6177108	\$ 1.6208362	\$ 1.7528824	\$ 0.0000101	\$ 0.0000099	Schedule C-3a, Line 18
3	Energy (kWh)	\$ 0.0004871	\$ 0.0004871	\$ 0.0004871	\$ 0.0004871	\$ 0.0004871	\$ 0.0004871	\$ 0.0004871	Schedule C-3a, Line 34
4									
5	TCRR-N Reconciliation Rates								
6	Demand (kWh, kW)	\$ 0.0017752	\$ 0.7424440	\$ 0.6730761	\$ 0.6662911	\$ 0.6786816	\$ 0.0000860	\$ 0.0000840	Schedule C-3b, Line 23
7	Energy (kWh)	\$ 0.0001876	\$ 0.0001876	\$ 0.0001876	\$ 0.0001876	\$ 0.0001876	\$ 0.0001876	\$ 0.0001876	Schedule C-3b, Line 24
8									
9	<b>Total TCRR-N Rates</b>	<b>\$/kW</b>	<b>\$ 2.8583713</b>	<b>\$ 2.2907869</b>	<b>\$ 2.2871273</b>	<b>\$ 2.4315640</b>			Line 2 + Line 6
10		<b>\$/kWh</b>	<b>\$ 0.0069211</b>	<b>\$ 0.0006747</b>	<b>\$ 0.0006747</b>	<b>\$ 0.0006747</b>	<b>\$ 0.0006747</b>	<b>\$ 0.0007708</b>	Line 3 + Line 7
11									
12	TCRR-N Max Rates	\$/kW	NA	\$ 0.0164007	\$ 0.0135136	NA	NA	NA	

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Development of Proposed Base Rates**  
**(Revenue)/Expense in \$**

Data: Forecasted  
Type of Filing: Original  
Work Paper Reference No(s).: WPB-1, WPC-2a, WPC-3a

Schedule C-3a  
Page 1 of 1

<b>Line</b> (A)	<b>Description</b> (B)	<b>"Current" Cycle Base Costs</b>						<b>Primary Substation</b> (G)	<b>High Voltage</b> (H)	<b>Private Outdoor Lighting</b> (I)	<b>Street Lighting</b> (J)	<b>Source</b> (K)				
		<b>Residential</b> (D)	<b>Secondary</b> (E)	<b>Primary</b> (F)												
Schedule B-1, Col (D)																
<b>TCRR-N Base Costs</b>																
1	Demand-Based Allocators - 1 CP		42.04%	32.40%	15.55%	4.25%	5.75%	0.00%	0.00%			WPC-2a, Col (F)				
2	Demand-Based Allocators - 12 CP		43.39%	29.39%	16.86%	4.55%	5.78%	0.01%	0.02%			WPC-2a, Col (H)				
3																
4	Demand-Based Components															
5	Transmission Enhancement Charges (RTEP)	\$ 8,066,756	\$ 3,391,007	\$ 2,613,950	\$ 1,254,597	\$ 343,081	\$ 464,121	\$ -	\$ -			Col (C) * Line 1				
6	Incremental Capacity Transfer Rights Credit	\$ (182,935)	\$ (76,900)	\$ (59,278)	\$ (28,451)	\$ (7,780)	\$ (10,525)	\$ -	\$ -			Col (C) * Line 1				
7	Black Start Service	\$ 197,225	\$ 85,570	\$ 57,965	\$ 33,255	\$ 8,979	\$ 11,407	\$ 19	\$ 30			Col (C) * Line 2				
8	Firm PTP Transmission Service Credits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			Col (C) * Line 1				
9	Non-Firm PTP Transmission Service Credits	\$ (30,957)	\$ (13,013)	\$ (10,031)	\$ (4,815)	\$ (1,317)	\$ (1,781)	\$ -	\$ -			Col (C) * Line 1				
10	Network Integration Transmission Service	\$ 46,598,900	\$ 19,588,688	\$ 15,099,898	\$ 7,247,382	\$ 1,981,864	\$ 2,681,068	\$ -	\$ -			Col (C) * Line 1				
11	Reactive Supply and Voltage Control from Gen Sources	\$ 2,389,284	\$ 1,036,640	\$ 702,212	\$ 402,871	\$ 108,781	\$ 138,195	\$ 224	\$ 362			Col (C) * Line 2				
12	Expansion Cost Recovery Charges (ECRC)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			Col (C) * Line 1				
13	Subtotal	\$ 57,038,274	\$ 24,011,992	\$ 18,404,715	\$ 8,904,839	\$ 2,433,609	\$ 3,282,485	\$ 243	\$ 392			Sum (Line 5 thru 11)				
14	Gross Revenue Conversion Factor	1.003	1.003	1.003	1.003	1.003	1.003	1.003	1.003			WPB-1, Line 4				
15	Total Demand-Based Component Cost	\$ 57,186,960	\$ 24,074,586	\$ 18,452,692	\$ 8,928,052	\$ 2,439,953	\$ 3,291,042	\$ 243	\$ 393			Line 12 * Line 13				
16																
17	Projected Billing Determinants (kWh, kW)		5,384,371,252	8,720,853	5,518,942	1,505,367	1,877,503	24,036,660	39,705,042			WPC-3a, Column (P)				
18	<b>Demand Portion of TCRR-N Rate</b>		<b>\$ 0.0044712</b>	<b>\$ 2.1159273</b>	<b>\$ 1.6177108</b>	<b>\$ 1.6208362</b>	<b>\$ 1.7528824</b>	<b>\$ 0.0000101</b>	<b>\$ 0.0000099</b>			Line 14 / Line 16				
19																
20	Energy-Based Allocators		40.65%	25.01%	20.18%	6.29%	7.40%	0.18%	0.30%			WPC-2a, Col (D)				
21																
22	Energy-Based Components															
23	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	\$ 8,779	\$ 3,569	\$ 2,195	\$ 1,771	\$ 552	\$ 649	\$ 16	\$ 26			Col (C) * Line 20				
24	TO Scheduling System Control and Dispatch Service	\$ 1,031,999	\$ 419,501	\$ 258,068	\$ 208,215	\$ 64,909	\$ 76,339	\$ 1,873	\$ 3,093			Col (C) * Line 20				
25	NERC/RFC Charges	\$ 615,226	\$ 250,086	\$ 153,847	\$ 124,128	\$ 38,695	\$ 45,510	\$ 1,116	\$ 1,844			Col (C) * Line 20				
26	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 4,783,406	\$ 1,944,425	\$ 1,196,170	\$ 965,097	\$ 300,857	\$ 353,840	\$ 8,680	\$ 14,338			Col (C) * Line 20				
27	Michigan-Ontario Interface Phase Angle Regulators Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			Col (C) * Line 20				
28	Load Response Charge Allocation	\$ 4,521	\$ 1,838	\$ 1,130	\$ 912	\$ 284	\$ 334	\$ 8	\$ 14			Col (C) * Line 20				
29	Subtotal	\$ 6,435,152	\$ 2,615,849	\$ 1,609,216	\$ 1,298,352	\$ 404,745	\$ 476,023	\$ 11,678	\$ 19,290			Sum (Line 23 thru 28)				
30	Gross Revenue Conversion Factor	1.003	1.003	1.003	1.003	1.003	1.003	1.003	1.003			WPB-1, Line 4				
31	Total Energy-Based Component Cost	\$ 6,451,927	\$ 2,622,668	\$ 1,613,411	\$ 1,301,736	\$ 405,800	\$ 477,264	\$ 11,708	\$ 19,340			Line 29 * Line 30				
32																
33	Projected Billing Determinants (kWh)		5,384,371,252	3,312,352,646	2,672,480,895	833,112,219	979,828,896	24,036,660	39,705,042			WPC-3a, Column (P)				
34	<b>Energy Portion of TCRR-N Rate</b>		<b>\$ 0.0004871</b>	<b>\$ 0.0004871</b>	<b>\$ 0.0004871</b>	<b>\$ 0.0004871</b>	<b>\$ 0.0004871</b>	<b>\$ 0.0004871</b>	<b>\$ 0.0004871</b>			Line 31 / Line 33				
35																
36																
37	<b>Total Base TCRR-N Component Cost</b>	\$ 63,638,887										Line 15 + Line 31				

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Development of Proposed Reconciliation Rate - TCRR-N**  
**June 2021 - May 2022**

Data: Forecasted

Type of Filing: Original

Work Paper Reference No(s).: WPB-1, WPC-1b, WPC-2, WPC-3

Schedule C-3b  
Page 1 of 1

Line (A)	Description (B)	Reconciliation TCRR-N Rate									Source (L)
		Demand/ Energy Ratios		Residential (E)	Secondary (F)	Primary (G)	Primary Substation (H)	High Voltage (I)	Private Outdoor Lighting (J)	Street Lighting (K)	
		Under Recovery (C)	Under Recovery (D)								
1	Demand-Based Allocators - 12 CP			43.39%	29.39%	16.86%	4.55%	5.78%	0.01%	0.02%	WPC-2a, Col (H)
2	Energy-Based Allocators			40.65%	25.01%	20.18%	6.29%	7.40%	0.18%	0.30%	WPC-2a, Col (D)
3											
4	TCRR-N Under Recovery	\$ 23,889,940									WPC-1b, Col (C) Line 18
5	<u>TCRR-N Under Recovery of Carrying Costs Total</u>	\$ 562,216									WPC-1b, Col (H) Line 31
6	TCRR-N Under Recovery	\$ 24,452,156									Line 4 + Line 5
7	<u>Gross Revenue Conversion Factor</u>	1.003									WPB-1, Line 4
8	Total TCRR-N Under Recovery	\$ 24,515,898									Line 6 * Line 7
9											
10	Base TCRR-N Component Costs										
11	Total Demand-Based Component Cost	\$ 57,186,960	89.86%								Schedule C-3a, Col (C) Line 14 + Line 45
12	<u>Total Energy-Based Components Cost</u>	\$ 6,451,927	10.14%								Schedule C-3a, Col (C) Line 37
13	Total Base TCRR-N Component Cost	\$ 63,638,887	100.00%								Line 11 + Line 12
14											
15	TCRR-N Under Recovery - Demand (Line 8 * Col (D), Line 11)	\$ 22,030,393		\$ 9,558,339	\$ 6,474,745	\$ 3,714,668	\$ 1,003,013	\$ 1,274,227	\$ 2,067	\$ 3,335	Col (C) * Line 1
16	TCRR-N Under Recovery - Energy (Line 8 * Col (D), Line 12)	\$ 2,485,505		\$ 1,010,342	\$ 621,542	\$ 501,474	\$ 156,328	\$ 183,859	\$ 4,510	\$ 7,450	Col (C) * Line 2
17	TCRR-N Under Recovery Total	\$ 24,515,898		\$ 10,568,681	\$ 7,096,287	\$ 4,216,142	\$ 1,159,341	\$ 1,458,085	\$ 6,577	\$ 10,785	Line 15 + Line 16
18											
19	Projected Billing Determinants (kWh, kW)			5,384,371,252	8,720,853	5,518,942	1,505,367	1,877,503	24,036,660	39,705,042	WPC-3a, Column (P)
20	Projected Billing Determinants (kWh)			5,384,371,252	3,312,352,646	2,672,480,895	833,112,219	979,828,896	24,036,660	39,705,042	WPC-3a, Column (P)
21											
22	TCRR-N Reconciliation Rates										
23	Demand Portion of TCRR-N Rate (kWh, kW)	\$ 0.0017752	\$ 0.7424440	\$ 0.6730761	\$ 0.6662911	\$ 0.6786816	\$ 0.0000860	\$ 0.0000840			Line 15 / Line 19
24	Energy Portion of TCRR-N Rate (kWh)	\$ 0.0001876	\$ 0.0001876	\$ 0.0001876	\$ 0.0001876	\$ 0.0001876	\$ 0.0001876	\$ 0.0001876			Line 16 / Line 20

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Development of Proposed Maximum Charge Rate - TCRR-N**  
**June 2021 - May 2022**

Data: Forecasted

Type of Filing: Original

Work Paper Reference No(s).: WPC-3a

Schedule C-3c

Page 1 of 1

<b>Line</b> <b>(A)</b>	<b>Description</b> <b>(B)</b>	<b>Secondary</b> <b>(C)</b>	<b>Primary</b> <b>(D)</b>	<b>Source</b>
1	Total Non-Max. Charge Revenue (Demand & Energy)	\$ 27,162,390	\$ 14,445,930	Schedule C-3a Line 14 + Line 30 + Schedule C-3b Line 17
2	Total Non-Max. Charge Billing Determinants (kWh)	3,312,352,646	2,672,480,895	WPC-3a Column P
3				
4	Average Non-Max. Charge \$/kWh	\$ 0.0082003	\$ 0.0054054	Line 1 / Line 2
5				
6	Max. Charge Rate Factor <sup>1</sup>	2	2.5	
7				
8	<b>Max. Charge Rate:</b>	\$ <b>0.0164007</b>	\$ <b>0.0135136</b>	Line 4 x Line 6

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Actual Charges and Revenues**  
**February 2020 - February 2021**  
**(Revenue)/Expense in \$**

Data: Actual

Type of Filing: Original

Work Paper Reference No(s).: WPC-1b

Schedule D-1

Page 1 of 13

**February 2020 - Actual**

<u>Line</u> (A)	<u>Description</u> (B)	<b>Total</b>			<b>Total</b> <u>Net Costs</u> (F) = (C)+(D)+(E)
		PJM Bill Charges (C)	PJM Bill Revenues (D)	Retail Revenues (E)	
<b>Transmission Cost Recovery Rider - Non-Bypassable (TCRR-N)</b>					
1	Transmission Enhancement Charges (RTEP)	\$ 650,732	\$ (4,503)		\$ 650,732
2	Incremental Capacity Transfer	\$ 85			\$ (4,503)
3	Operating Reserve	\$ -			\$ 85
4	TCRR Revenue Rider	\$ 201,448		\$ (1,951,948)	\$ (1,951,948)
5	Reactive Supply and Voltage Control from Gen Sources	\$ 27,651			\$ 201,448
6	Black Start Service	\$ 99,675			\$ 27,651
7	TO Scheduling System Control and Dispatch Service	\$ 49,527			\$ 99,675
8	NERC/RFC Charges	\$ -			\$ 49,527
9	Firm PTP Transmission Service	\$ -			\$ -
10	Non-Firm PTP Transmission Service	\$ -	\$ (1,732)		\$ (1,732)
11	Network Integration Transmission Service	\$ 2,756,153			\$ 2,756,153
12	Expansion Cost Recovery Charges (ECRC)	\$ -			\$ -
13	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 400,969			\$ 400,969
14	PJM Interface Phase Angle Regulators	\$ -			\$ -
15	Load Response	\$ 1,022			\$ 1,022
16	CAPS Funding	\$ 762			\$ 762
17	Bilateral Charge	\$ -			\$ -
18	Generation Deactivation	\$ -			\$ -
19	PJM Default Charges	\$ 11,307			\$ 11,307
20		SubTotal	\$ 4,199,332	\$ (6,235)	\$ 2,241,149
21	TCRR-N Deferral carrying costs (WPC-1b)				\$ (44,364)
22					
23	<b>Total TCRR-N including carrying costs</b>		\$ 4,199,332	\$ (6,235)	\$ 2,196,785

**AES Ohio**  
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**Actual Charges and Revenues**  
**February 2020 - February 2021**  
**(Revenue)/Expense in \$**

Data: Actual

Type of Filing: Original

Work Paper Reference No(s).: WPC-1b

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**March 2020 - Actual**

<u>Line</u> (A)	<u>Description</u> (B)	<b>Total</b>			<b>Total</b> <u>Net Costs</u> (F) = (C)+(D)+(E)
		<u>PJM Bill</u> <u>Charges</u> (C)	<u>PJM Bill</u> <u>Revenues</u> (D)	<u>Retail</u> <u>Revenues</u> (E)	
<b>Transmission Cost Recovery Rider - Non-Bypassable (TCRR-N)</b>					
1	Transmission Enhancement Charges (RTEP)	\$ 650,886			\$ 650,886
2	Incremental Capacity Transfer	\$ -	\$ (4,814)		\$ (4,814)
3	Operating Reserve	\$ 62,546			\$ 62,546
4	TCRR Revenue Rider	\$ -		\$ (1,904,047)	\$ (1,904,047)
5	Reactive Supply and Voltage Control from Gen Sources	\$ 200,357			\$ 200,357
6	Black Start Service	\$ 15,567			\$ 15,567
7	TO Scheduling System Control and Dispatch Service	\$ 88,935			\$ 88,935
8	NERC/RFC Charges	\$ 44,188			\$ 44,188
9	Firm PTP Transmission Service				\$ -
10	Non-Firm PTP Transmission Service		\$ (1,366)		\$ (1,366)
11	Network Integration Transmission Service	\$ 2,946,930			\$ 2,946,930
12	Expansion Cost Recovery Charges (ECRC)	\$ -			\$ -
13	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 358,812			\$ 358,812
14	PJM Interface Phase Angle Regulators	\$ -			\$ -
15	Load Response	\$ 196			\$ 196
16	CAPS Funding	\$ 680			\$ 680
17	Bilateral Charge	\$ -			\$ -
18	Generation Deactivation	\$ -			\$ -
19	PJM Default Charges	\$ 3,336.76			\$ 3,337
20		SubTotal	\$ 4,372,434	\$ (6,180)	\$ (1,904,047)
21	TCRR-N Deferral carrying costs (WPC-1b)				\$ 2,462,207
22					\$ (35,135)
23	<b>Total TCRR-N including carrying costs</b>		\$ 4,372,434	\$ (6,180)	\$ 2,427,072

**AES Ohio**  
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**Actual Charges and Revenues**  
**February 2020 - February 2021**  
**(Revenue)/Expense in \$**

Data: Actual

Type of Filing: Original

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**April 2020 - Actual**

<u>Line</u> (A)	<u>Description</u> (B)	<b>Total</b>			<b>Total</b> <u>Net Costs</u> (F) = (C)+(D)+(E)
		<u>PJM Bill</u> <u>Charges</u> (C)	<u>PJM Bill</u> <u>Revenues</u> (D)	<u>Retail</u> <u>Revenues</u> (E)	
<b>Transmission Cost Recovery Rider - Non-Bypassable (TCRR-N)</b>					
1	Transmission Enhancement Charges (RTEP)	\$ 650,908	\$ (4,660)		\$ 650,908
2	Incremental Capacity Transfer		\$ 19		\$ (4,660)
3	Operating Reserve		\$ -		\$ 19
4	TCRR Revenue Rider		\$ 199,945	\$ (1,688,761)	\$ (1,688,761)
5	Reactive Supply and Voltage Control from Gen Sources	\$ 15,535			\$ 199,945
6	Black Start Service	\$ 75,377			\$ 15,535
7	TO Scheduling System Control and Dispatch Service	\$ 37,452			\$ 75,377
8	NERC/RFC Charges		\$ -		\$ 37,452
9	Firm PTP Transmission Service		\$ (607)		\$ -
10	Non-Firm PTP Transmission Service	\$ 2,851,967			\$ (607)
11	Network Integration Transmission Service		\$ -		\$ 2,851,967
12	Expansion Cost Recovery Charges (ECRC)	\$ 352,859			\$ -
13	PJM Scheduling System Control and Dispatch Service (Admin Fee)		\$ -		\$ 352,859
14	PJM Interface Phase Angle Regulators	\$ 30			\$ -
15	Load Response	\$ 576			\$ 30
16	CAPS Funding		\$ -		\$ 576
17	Bilateral Charge	\$ -			\$ -
18	Generation Deactivation	\$ -			\$ -
19	PJM Default Charges	\$ 1,674			\$ -
20		SubTotal	\$ 4,186,344	\$ (5,267)	\$ 2,492,317
21	TCRR-N Deferral carrying costs (WPC-1b)				\$ (25,367)
22					
23	<b>Total TCRR-N including carrying costs</b>		\$ 4,186,344	\$ (5,267)	\$ 2,466,950

**AES Ohio**  
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**Actual Charges and Revenues**  
**February 2020 - February 2021**  
**(Revenue)/Expense in \$**

Data: Actual

Type of Filing: Original

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**May 2020 - Actual**

<u>Line</u> (A)	<u>Description</u> (B)	<u>Total</u>			<u>Total</u> <u>Net Costs</u> (F) = (C)+(D)+(E)
		PJM Bill Charges (C)	PJM Bill Revenues (D)	Retail Revenues (E)	
<b>Transmission Cost Recovery Rider - Non-Bypassable (TCRR-N)</b>					
1	Transmission Enhancement Charges (RTEP)	\$ 650,910	\$ -	\$ (1,564,178)	\$ 650,910
2	Incremental Capacity Transfer	\$ -	\$ -	\$ -	\$ -
3	Operating Reserve	\$ (128)	\$ -	\$ -	\$ (128)
4	TCRR Revenue Rider	\$ -	\$ -	\$ (1,564,178)	\$ (1,564,178)
5	Reactive Supply and Voltage Control from Gen Sources	\$ 199,485	\$ -	\$ -	\$ 199,485
6	Black Start Service	\$ 15,499	\$ -	\$ -	\$ 15,499
7	TO Scheduling System Control and Dispatch Service	\$ 71,387	\$ -	\$ -	\$ 71,387
8	NERC/RFC Charges	\$ 39,740	\$ -	\$ -	\$ 39,740
9	Firm PTP Transmission Service	\$ -	\$ -	\$ -	\$ -
10	Non-Firm PTP Transmission Service	\$ -	\$ (1,630)	\$ -	\$ (1,630)
11	Network Integration Transmission Service	\$ 3,363,044	\$ -	\$ -	\$ 3,363,044
12	Expansion Cost Recovery Charges (ECRC)	\$ -	\$ -	\$ -	\$ -
13	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 373,724	\$ -	\$ -	\$ 373,724
14	PJM Interface Phase Angle Regulators	\$ -	\$ -	\$ -	\$ -
15	Load Response	\$ 41	\$ -	\$ -	\$ 41
16	CAPS Funding	\$ 611	\$ -	\$ -	\$ 611
17	Bilateral Charge	\$ (4,816)	\$ -	\$ -	\$ (4,816)
18	Generation Deactivation	\$ -	\$ -	\$ -	\$ -
19	PJM Default Charges	\$ 4,456	\$ -	\$ -	\$ 4,456
20		SubTotal	\$ 4,713,953	\$ (1,630)	\$ (1,564,178)
21	TCRR-N Deferral carrying costs (WPC-1b)				\$ 3,148,145
22					\$ (14,187)
23	<b>Total TCRR-N including carrying costs</b>		\$ 4,713,953	\$ (1,630)	\$ 3,133,958

**AES Ohio**  
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**Actual Charges and Revenues**  
**February 2020 - February 2021**  
**(Revenue)/Expense in \$**

Data: Actual

Type of Filing: Original

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**June 2020 - Actual**

<u>Line</u> (A)	<u>Description</u> (B)	<b>Total</b>			<b>Total</b> <u>Net Costs</u> (F) = (C)+(D)+(E)
		PJM Bill Charges (C)	PJM Bill Revenues (D)	Retail Revenues (E)	
<b>Transmission Cost Recovery Rider - Non-Bypassable (TCRR-N)</b>					
1	Transmission Enhancement Charges (RTEP)	\$ 647,824	\$ -	\$ (3,195,772)	\$ 647,824
2	Incremental Capacity Transfer	\$ (29)	\$ -	\$ -	\$ -
3	Operating Reserve	\$ -	\$ -	\$ -	\$ (29)
4	TCRR Revenue Rider	\$ 197,804	\$ -	\$ -	\$ (3,195,772)
5	Reactive Supply and Voltage Control from Gen Sources	\$ 8,970	\$ -	\$ -	\$ 197,804
6	Black Start Service	\$ 84,584	\$ -	\$ -	\$ 8,970
7	TO Scheduling System Control and Dispatch Service	\$ 47,613	\$ -	\$ -	\$ 84,584
8	NERC/RFC Charges	\$ -	\$ -	\$ -	\$ 47,613
9	Firm PTP Transmission Service	\$ -	\$ -	\$ -	\$ -
10	Non-Firm PTP Transmission Service	\$ -	\$ (1,803)	\$ -	\$ (1,803)
11	Network Integration Transmission Service	\$ 3,282,324	\$ -	\$ -	\$ 3,282,324
12	Expansion Cost Recovery Charges (ECRC)	\$ -	\$ -	\$ -	\$ -
13	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 443,396	\$ -	\$ -	\$ 443,396
14	PJM Interface Phase Angle Regulators	\$ -	\$ -	\$ -	\$ -
15	Load Response	\$ -	\$ -	\$ -	\$ -
16	CAPS Funding	\$ 745	\$ -	\$ -	\$ 745
17	Bilateral Charge	\$ (23,492)	\$ -	\$ -	\$ (23,492)
18	Generation Deactivation	\$ -	\$ -	\$ -	\$ -
19	PJM Default Charges	\$ 1,159	\$ -	\$ -	\$ 1,159
20		SubTotal	\$ 4,690,897	\$ (1,803)	\$ (3,195,772)
21	TCRR-N Deferral carrying costs (WPC-1b)				\$ 1,493,321
22					\$ (4,961)
23	<b>Total TCRR-N including carrying costs</b>		\$ 4,690,897	\$ (1,803)	\$ 1,488,360

**AES Ohio**  
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**Actual Charges and Revenues**  
**February 2020 - February 2021**  
**(Revenue)/Expense in \$**

Data: Actual

Type of Filing: Original

Work Paper Reference No(s).: WPC-1b

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**July 2020 - Actual**

<u>Line</u> (A)	<u>Description</u> (B)	<u>Total</u>			<u>Total</u> <u>Net Costs</u> (F) = (C)+(D)+(E)
		PJM Bill Charges (C)	PJM Bill Revenues (D)	Retail Revenues (E)	
<b>Transmission Cost Recovery Rider - Non-Bypassable (TCRR-N)</b>					
1	Transmission Enhancement Charges (RTEP)	\$ 648,067	\$ (24,275)		\$ 648,067
2	Incremental Capacity Transfer	\$ (118)			\$ (118)
3	Operating Reserve	\$ -		\$ (3,794,330)	\$ (3,794,330)
4	TCRR Revenue Rider	\$ 197,985			\$ 197,985
5	Reactive Supply and Voltage Control from Gen Sources	\$ 15,277			\$ 15,277
6	Black Start Service	\$ 105,150			\$ 105,150
7	TO Scheduling System Control and Dispatch Service	\$ 58,978			\$ 58,978
8	NERC/RFC Charges		\$ (2,481)		\$ (2,481)
9	Firm PTP Transmission Service	\$ 3,391,734			\$ 3,391,734
10	Non-Firm PTP Transmission Service	\$ -			\$ -
11	Network Integration Transmission Service	\$ 509,146			\$ 509,146
12	Expansion Cost Recovery Charges (ECRC)	\$ -			\$ -
13	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 820			\$ 820
14	PJM Interface Phase Angle Regulators	\$ 908			\$ 908
15	Load Response	\$ -			\$ -
16	CAPS Funding	\$ -			\$ -
17	Bilateral Charge	\$ -			\$ -
18	Generation Deactivation	\$ -			\$ -
19	PJM Default Charges	\$ 693			\$ 693
20		SubTotal	\$ 4,928,641	\$ (26,756)	\$ (3,794,330)
21	TCRR-N Deferral carrying costs (WPC-1b)				\$ 1,107,554
22					\$ 221
23	<b>Total TCRR-N including carrying costs</b>		\$ 4,928,641	\$ (26,756)	\$ (3,794,330)
					<b>\$ 1,107,775</b>

**AES Ohio**  
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**Actual Charges and Revenues**  
**February 2020 - February 2021**  
**(Revenue)/Expense in \$**

Data: Actual

Type of Filing: Original

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**August 2020 - Actual**

<u>Line</u> (A)	<u>Description</u> (B)	<b>Total</b>			<b>Total Net Costs</b> (F) = (C)+(D)+(E)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)	<u>Retail Revenues</u> (E)	
<b>Transmission Cost Recovery Rider - Non-Bypassable (TCRR-N)</b>					
1	Transmission Enhancement Charges (RTEP)	\$ 646,368	\$ (24,274)		\$ 646,368
2	Incremental Capacity Transfer	\$ 3,313			\$ (24,274)
3	Operating Reserve	\$ -			\$ 3,313
4	TCRR Revenue Rider	\$ 197,222		\$ (3,728,376)	\$ (3,728,376)
5	Reactive Supply and Voltage Control from Gen Sources	\$ 15,274			\$ 197,222
6	Black Start Service	\$ 93,874			\$ 15,274
7	TO Scheduling System Control and Dispatch Service	\$ 52,654			\$ 93,874
8	NERC/RFC Charges				\$ 52,654
9	Firm PTP Transmission Service				\$ -
10	Non-Firm PTP Transmission Service		\$ (3,548)		\$ (3,548)
11	Network Integration Transmission Service	\$ 3,391,679			\$ 3,391,679
12	Expansion Cost Recovery Charges (ECRC)	\$ -			\$ -
13	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 457,316			\$ 457,316
14	PJM Interface Phase Angle Regulators	\$ -			\$ -
15	Load Response	\$ 1,696			\$ 1,696
16	CAPS Funding	\$ 811			\$ 811
17	Bilateral Charge	\$ -			\$ -
18	Generation Deactivation	\$ -			\$ -
19	PJM Default Charges	\$ (67)			\$ (67)
20		SubTotal	\$ 4,860,141	\$ (27,822)	\$ (3,728,376)
21	TCRR-N Deferral carrying costs (WPC-1b)				\$ 1,103,943
22					\$ 4,645
23	<b>Total TCRR-N including carrying costs</b>		\$ 4,860,141	\$ (27,822)	\$ 1,108,587

**AES Ohio**  
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**Actual Charges and Revenues**  
**February 2020 - February 2021**  
**(Revenue)/Expense in \$**

Data: Actual

Type of Filing: Original

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**September 2020 - Actual**

<u>Line</u> (A)	<u>Description</u> (B)	<b>Total</b>			<b>Total Net Costs</b> (F) = (C)+(D)+(E)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)	<u>Retail Revenues</u> (E)	
<b>Transmission Cost Recovery Rider - Non-Bypassable (TCRR-N)</b>					
1	Transmission Enhancement Charges (RTEP)	\$ 658,089	\$ (23,485)		\$ 658,089
2	Incremental Capacity Transfer	\$ 15,391			\$ (23,485)
3	Operating Reserve	\$ -			\$ 15,391
4	TCRR Revenue Rider	\$ 198,741		\$ (3,536,580)	\$ (3,536,580)
5	Reactive Supply and Voltage Control from Gen Sources	\$ 6,398			\$ 198,741
6	Black Start Service	\$ 79,846			\$ 6,398
7	TO Scheduling System Control and Dispatch Service	\$ 44,781			\$ 79,846
8	NERC/RFC Charges				\$ 44,781
9	Firm PTP Transmission Service				\$ -
10	Non-Firm PTP Transmission Service		\$ (4,285)		\$ (4,285)
11	Network Integration Transmission Service	\$ 3,281,257			\$ 3,281,257
12	Expansion Cost Recovery Charges (ECRC)	\$ -			\$ -
13	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 389,835			\$ 389,835
14	PJM Interface Phase Angle Regulators	\$ -			\$ -
15	Load Response	\$ 1,482			\$ 1,482
16	CAPS Funding	\$ 690			\$ 690
17	Bilateral Charge	\$ -			\$ -
18	Generation Deactivation	\$ -			\$ -
19	PJM Default Charges	\$ (161)			\$ (161)
20		SubTotal	\$ 4,676,349	\$ (27,769)	\$ (3,536,580)
21	TCRR-N Deferral carrying costs (WPC-1b)				\$ 1,111,999
22					\$ 9,095
23	<b>Total TCRR-N including carrying costs</b>		\$ 4,676,349	\$ (27,769)	\$ (3,536,580)
					<b>\$ 1,121,094</b>

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Actual Charges and Revenues**  
**February 2020 - February 2021**  
**(Revenue)/Expense in \$**

Data: Actual

Type of Filing: Original

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**October 2020 - Actual**

<u>Line</u> (A)	<u>Description</u> (B)	<b>Total</b>			<b>Total Net Costs</b> (F) = (C)+(D)+(E)
		PJM Bill Charges (C)	PJM Bill Revenues (D)	Retail Revenues (E)	
<b>Transmission Cost Recovery Rider - Non-Bypassable (TCRR-N)</b>					
1	Transmission Enhancement Charges (RTEP)	\$ 664,196	\$ (24,082)		\$ 664,196
2	Incremental Capacity Transfer	\$ (13,908)			\$ (13,908)
3	Operating Reserve	\$ -		\$ (2,964,599)	\$ (2,964,599)
4	TCRR Revenue Rider	\$ 198,482			\$ 198,482
5	Reactive Supply and Voltage Control from Gen Sources	\$ 30,760			\$ 30,760
6	Black Start Service	\$ 74,939			\$ 74,939
7	TO Scheduling System Control and Dispatch Service	\$ 42,030			\$ 42,030
8	NERC/RFC Charges				\$ -
9	Firm PTP Transmission Service				\$ (2,457)
10	Non-Firm PTP Transmission Service	\$ 3,364,732			\$ 3,364,732
11	Network Integration Transmission Service	\$ -			\$ -
12	Expansion Cost Recovery Charges (ECRC)	\$ 307,104			\$ 307,104
13	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ -			\$ -
14	PJM Interface Phase Angle Regulators	\$ 510			\$ 510
15	Load Response	\$ 648			\$ 648
16	CAPS Funding	\$ -			\$ -
17	Bilateral Charge	\$ -			\$ -
18	Generation Deactivation	\$ -			\$ -
19	PJM Default Charges	\$ -			\$ -
20		SubTotal	\$ 4,669,492	\$ (26,539)	\$ (2,964,599)
21	TCRR-N Deferral carrying costs (WPC-1b)				\$ 1,678,355
22					\$ 14,712
23	<b>Total TCRR-N including carrying costs</b>		\$ 4,669,492	\$ (26,539)	\$ (2,964,599)
					<b>\$ 1,693,067</b>

**AES Ohio**  
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**Actual Charges and Revenues**  
**February 2020 - February 2021**  
**(Revenue)/Expense in \$**

Data: Actual

Type of Filing: Original

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**November 2020 - Actual**

<u>Line</u> (A)	<u>Description</u> (B)	<b>Total</b>			<b>Total Net Costs</b> (F) = (C)+(D)+(E)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)	<u>Retail Revenues</u> (E)	
<b>Transmission Cost Recovery Rider - Non-Bypassable (TCRR-N)</b>					
1	Transmission Enhancement Charges (RTEP)	\$ 702,211	\$ (23,305)		\$ 702,211
2	Incremental Capacity Transfer				\$ (23,305)
3	Operating Reserve	\$ 212			\$ 212
4	TCRR Revenue Rider	\$ -		\$ (2,783,016)	\$ (2,783,016)
5	Reactive Supply and Voltage Control from Gen Sources	\$ 197,033			\$ 197,033
6	Black Start Service	\$ 15,257			\$ 15,257
7	TO Scheduling System Control and Dispatch Service	\$ 76,080			\$ 76,080
8	NERC/RFC Charges	\$ 42,669			\$ 42,669
9	Firm PTP Transmission Service				\$ -
10	Non-Firm PTP Transmission Service		\$ (3,952)		\$ (3,952)
11	Network Integration Transmission Service	\$ 3,256,218			\$ 3,256,218
12	Expansion Cost Recovery Charges (ECRC)	\$ -			\$ -
13	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 311,623			\$ 311,623
14	PJM Interface Phase Angle Regulators	\$ -			\$ -
15	Load Response	\$ 7			\$ 7
16	CAPS Funding	\$ 657			\$ 657
17	Bilateral Charge	\$ -			\$ -
18	Generation Deactivation	\$ -			\$ -
19	PJM Default Charges	\$ (773)			\$ (773)
20		SubTotal	\$ 4,601,194	\$ (27,257)	\$ (2,783,016)
21	TCRR-N Deferral carrying costs (WPC-1b)				\$ 1,790,921
22					\$ 21,709
23	<b>Total TCRR-N including carrying costs</b>		\$ 4,601,194	\$ (27,257)	\$ (2,783,016)
					<b>\$ 1,812,630</b>

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Actual Charges and Revenues**  
**February 2020 - February 2021**  
**(Revenue)/Expense in \$**

Data: Actual

Type of Filing: Original

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**December 2020 - Actual**

<u>Line</u> (A)	<u>Description</u> (B)	<b>Total</b>			<b>Total Net Costs</b> (F) = (C)+(D)+(E)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)	<u>Retail Revenues</u> (E)	
<b>Transmission Cost Recovery Rider - Non-Bypassable (TCRR-N)</b>					
1	Transmission Enhancement Charges (RTEP)	\$ 845,822			\$ 845,822
2	Incremental Capacity Transfer		\$ (24,086)		\$ (24,086)
3	Operating Reserve	\$ 739,737			\$ 739,737
4	TCRR Revenue Rider	\$ -		\$ (3,352,466)	\$ (3,352,466)
5	Reactive Supply and Voltage Control from Gen Sources	\$ 198,973			\$ 198,973
6	Black Start Service	\$ 15,408			\$ 15,408
7	TO Scheduling System Control and Dispatch Service	\$ 89,655			\$ 89,655
8	NERC/RFC Charges	\$ 50,281			\$ 50,281
9	Firm PTP Transmission Service				\$ -
10	Non-Firm PTP Transmission Service		\$ (4,794)		\$ (4,794)
11	Network Integration Transmission Service	\$ 3,365,230			\$ 3,365,230
12	Expansion Cost Recovery Charges (ECRC)	\$ -			\$ -
13	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 365,534			\$ 365,534
14	PJM Interface Phase Angle Regulators	\$ -			\$ -
15	Load Response	\$ 6			\$ 6
16	CAPS Funding	\$ 774			\$ 774
17	Bilateral Charge	\$ -			\$ -
18	Generation Deactivation	\$ -			\$ -
19	PJM Default Charges	\$ 370			\$ 370
20		SubTotal	\$ 5,671,791	\$ (28,880)	\$ (3,352,466)
21	TCRR-N Deferral carrying costs (WPC-1b)				\$ 2,290,445
22					\$ 29,959
23	<b>Total TCRR-N including carrying costs</b>		\$ 5,671,791	\$ (28,880)	\$ 2,320,404

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Actual Charges and Revenues**  
**February 2020 - February 2021**  
**(Revenue)/Expense in \$**

Data: Actual

Type of Filing: Original

Work Paper Reference No(s).: WPC-1b

Schedule D-1

Page 12 of 13

**January 2021 - Actual**

<u>Line</u> (A)	<u>Description</u> (B)	<b>Total</b>			<b>Total Net Costs</b> (F) = (C)+(D)+(E)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)	<u>Retail Revenues</u> (E)	
<b>Transmission Cost Recovery Rider - Non-Bypassable (TCRR-N)</b>					
1	Transmission Enhancement Charges (RTEP)	\$ 1,064,541	\$ (25,452)		\$ 1,064,541
2	Incremental Capacity Transfer				\$ (25,452)
3	Operating Reserve	\$ 1,669,919			\$ 1,669,919
4	TCRR Revenue Rider	\$ -		\$ (3,803,105)	\$ (3,803,105)
5	Reactive Supply and Voltage Control from Gen Sources	\$ 201,784			\$ 201,784
6	Black Start Service	\$ 15,626			\$ 15,626
7	TO Scheduling System Control and Dispatch Service	\$ 92,706			\$ 92,706
8	NERC/RFC Charges	\$ 105,436			\$ 105,436
9	Firm PTP Transmission Service				\$ -
10	Non-Firm PTP Transmission Service		\$ (2,301)		\$ (2,301)
11	Network Integration Transmission Service	\$ 4,578,862			\$ 4,578,862
12	Expansion Cost Recovery Charges (ECRC)	\$ -			\$ -
13	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 514,054			\$ 514,054
14	PJM Interface Phase Angle Regulators	\$ -			\$ -
15	Load Response	\$ 734			\$ 734
16	CAPS Funding	\$ 919			\$ 919
17	Bilateral Charge	\$ -			\$ -
18	Generation Deactivation	\$ -			\$ -
19	PJM Default Charges	\$ 294			\$ 294
20		SubTotal	\$ 8,244,874	\$ (27,753)	\$ (3,803,105)
21	TCRR-N Deferral carrying costs (WPC-1b)				\$ 4,414,016
22					\$ 43,487
23	<b>Total TCRR-N including carrying costs</b>		<b>\$ 8,244,874.28</b>	<b>\$ (3,803,105)</b>	<b>\$ 4,457,504</b>

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Actual Charges and Revenues**  
**February 2020 - February 2021**  
**(Revenue)/Expense in \$**

Data: Actual

Type of Filing: Original

Work Paper Reference No(s.): WPC-1b

Schedule D-1  
Page 13 of 13

**February 2021 - Estimate**

<u>Line</u> (A)	<u>Description</u> (B)	<b>Total</b>			<b>Total Net Costs</b> (F) = (C)+(D)+(E)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)	<u>Retail Revenues</u> (E)	
<b>Transmission Cost Recovery Rider - Non-Bypassable (TCRR-N)</b>					
1	Transmission Enhancement Charges (RTEP)	\$ 1,011,311			\$ 1,011,311
2	Incremental Capacity Transfer		\$ (22,946)		\$ (22,946)
3	Operating Reserve	\$ 2,760,191			\$ 2,760,191
4	TCRR Revenue Rider	\$ -		\$ (3,582,599)	\$ (3,582,599)
5	Reactive Supply and Voltage Control from Gen Sources	\$ 196,030			\$ 196,030
6	Black Start Service	\$ 15,180			\$ 15,180
7	TO Scheduling System Control and Dispatch Service	\$ 88,342			\$ 88,342
8	NERC/RFC Charges	\$ 51,170			\$ 51,170
9	Firm PTP Transmission Service				\$ -
10	Non-Firm PTP Transmission Service		\$ (6,013)		\$ (6,013)
11	Network Integration Transmission Service	\$ 4,128,159			\$ 4,128,159
12	Expansion Cost Recovery Charges (ECRC)	\$ -			\$ -
13	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 487,771			\$ 487,771
14	PJM Interface Phase Angle Regulators	\$ -			\$ -
15	Load Response	\$ 473			\$ 473
16	CAPS Funding	\$ 618			\$ 618
17	Bilateral Charge	\$ -			\$ -
18	Generation Deactivation	\$ -			\$ -
19	PJM Default Charges	\$ 171			\$ 171
20		SubTotal	\$ 8,739,415	\$ (28,959)	\$ 5,127,857
21	TCRR-N Deferral carrying costs (WPC-1b)				\$ 62,745
22					
23	<b>Total TCRR-N including carrying costs</b>		\$ 8,739,415	\$ (28,959)	<b>\$ 5,190,602</b>

**AES Ohio**  
 Case No. 21-0224-EL-RDR  
 Monthly Revenues Collected by Tariff Class

Data: Actual

Type of Filing: Original

Work Paper Reference No(s).: None

Schedule D-2  
 Page 1 of 1

Line (A)	Description (B)	2020												2021				Total (P)	
		February (C)	March (D)	April (E)	May (F)	June (G)	July (H)	August (I)	September (J)	October (K)	November (L)	December (M)	January (N)	February (O)					
	<b>TCRR-N</b>																		
1	Residential	-\$843,492.14	-\$804,109.83	-\$656,742.36	-\$584,892.96	-\$1,354,369.55	-\$1,806,944.89	-\$1,684,323.08	-\$1,517,114.31	-\$1,099,169.00	-\$1,065,081.35	-\$1,476,825.90	-\$1,885,312.66	-\$1,770,702.03	<b>-\$16,549,080.06</b>				
2	Secondary	-\$609,773.13	-\$610,252.59	-\$562,210.36	-\$538,012.99	-\$1,032,388.99	-\$1,117,946.89	-\$1,128,152.48	-\$1,119,045.01	-\$1,029,509.87	-\$949,182.31	-\$1,040,010.15	-\$1,069,912.23	-\$977,527.89	<b>-\$11,783,924.88</b>				
3	Primary	-\$299,769.65	-\$298,202.82	-\$281,312.63	-\$266,180.15	-\$490,608.37	-\$510,788.66	-\$549,314.64	-\$538,175.06	-\$486,766.26	-\$430,280.90	-\$507,081.57	-\$526,944.70	-\$550,598.48	<b>-\$5,687,023.90</b>				
4	Primary Substation	-\$82,792.63	-\$79,853.54	-\$81,827.69	-\$74,405.92	-\$136,124.79	-\$155,042.62	-\$158,872.89	-\$159,135.88	-\$155,207.44	-\$156,911.75	-\$154,012.40	-\$151,232.09	-\$151,725.07	<b>-\$1,697,144.71</b>				
5	High Voltage	-\$115,856.27	-\$111,357.15	-\$106,408.38	-\$100,440.39	-\$180,466.54	-\$201,811.55	-\$205,941.42	-\$201,349.43	-\$192,174.90	-\$179,788.12	-\$172,767.02	-\$167,938.14	-\$179,281.12	<b>-\$2,115,580.44</b>				
6	Private Outdoor Lighting	-\$18.64	-\$24.68	-\$18.51	-\$18.06	-\$720.85	-\$721.00	-\$720.04	-\$715.90	-\$714.83	-\$709.47	-\$713.13	-\$711.71	-\$709.42	<b>-\$6,516.22</b>				
7	<u>Street Lighting</u>	<u>-\$245.88</u>	<u>-\$246.19</u>	<u>-\$240.78</u>	<u>-\$238.84</u>	<u>-\$1,115.79</u>	<u>-\$1,100.71</u>	<u>-\$1,078.11</u>	<u>-\$1,069.53</u>	<u>-\$1,077.21</u>	<u>-\$1,081.26</u>	<u>-\$1,079.49</u>	<u>-\$1,079.74</u>	<u>-\$1,080.39</u>	<u>-\$10,733.92</u>				
8	<b>Total TCRR-N</b>	<b>-\$1,951,948.34</b>	<b>-\$1,904,046.80</b>	<b>-\$1,688,760.71</b>	<b>-\$1,564,189.31</b>	<b>-\$3,195,794.87</b>	<b>-\$3,794,356.32</b>	<b>-\$3,728,402.65</b>	<b>-\$3,536,605.12</b>	<b>-\$2,964,619.52</b>	<b>-\$2,783,035.16</b>	<b>-\$3,352,489.66</b>	<b>-\$3,803,131.26</b>	<b>-\$3,582,624.40</b>	<b>-\$37,850,004.13</b>				

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Monthly (Over) / Under Recovery**

Data: Actual

Type of Filing: Original

Work Paper Reference No(s).: None

Schedule D-3  
Page 1 of 1

Line (A)	Description (B)	Prior Period True-up Balance (C)	2020												2021			Total (Q)	Source (R)
			February (D)	March (E)	April (F)	May (G)	June (H)	July (I)	August (J)	September (K)	October (L)	November (M)	December (N)	January (O)	February (P)				
<b>TCRR-N</b>																			
1	Net Costs	\$4,193,097	\$4,366,254	\$4,181,077	\$4,712,323	\$4,689,094	\$4,901,884	\$4,832,319	\$4,648,579	\$4,642,953	\$4,573,936	\$5,642,911	\$8,217,121	\$8,710,456	\$68,312,005	Schedule D-1, Col (C) + Col (D)			
2	Revenues	(\$1,951,948)	(\$1,904,047)	(\$1,688,761)	(\$1,564,178)	(\$3,195,772)	(\$3,794,330)	(\$3,728,376)	(\$3,536,580)	(\$2,964,599)	(\$2,783,016)	(\$3,352,466)	(\$3,803,105)	(\$3,582,599)	(\$37,849,777)	Schedule D-1, Col (E)			
3	(Over)/ Under Recovery	\$2,241,149	\$2,462,207	\$2,492,317	\$3,148,145	\$1,493,321	\$1,107,554	\$1,103,943	\$1,111,999	\$1,678,355	\$1,790,921	\$2,290,445	\$4,414,016	\$5,127,857	\$30,462,228	Line 1 + Line 2			
4	Carrying Costs	(\$44,364)	(\$35,135)	(\$25,367)	(\$14,187)	(\$4,961)	\$221	\$4,645	\$9,095	\$14,712	\$21,709	\$29,959	\$43,487	\$62,745	\$62,559	Schedule D-1, Col (F)			
5	(Over)/ Under Recovery with Carrying Costs	\$2,196,785	\$2,427,072	\$2,466,950	\$3,133,958	\$1,488,360	\$1,107,775	\$1,108,587	\$1,121,094	\$1,693,067	\$1,812,630	\$2,320,404	\$4,457,504	\$5,190,602	\$30,524,787	Line 3 + Line 4			
6	YTD Under Recovery (without Carrying Costs)	(\$9,970,496)	(\$7,552,654)	(\$5,095,472)	(\$1,972,694)	(\$493,560)	\$609,034	\$1,713,197	\$2,829,841	\$4,517,290	\$6,322,923	\$8,635,078	\$13,079,053	\$18,250,397	\$18,250,583	Line 3 + Line 7			
7	<b>YTD Under Recovery</b>	<b>(12,211,645)</b>	<b>(\$10,014,861)</b>	<b>(\$7,587,789)</b>	<b>(\$5,120,839)</b>	<b>(\$1,986,881)</b>	<b>(\$498,521)</b>	<b>\$609,255</b>	<b>\$1,717,842</b>	<b>\$2,838,936</b>	<b>\$4,532,002</b>	<b>\$6,344,632</b>	<b>\$8,665,036</b>	<b>\$13,122,540</b>	<b>\$18,313,142</b>	<b>\$18,313,142</b>	Line 5 + Line 7		

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Transmission Cost Recovery Rider - Non-Bypassable**

## **Workpapers**

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Computation of Gross Revenue Conversion Factor**

Data: Actual

Type of Filing: Original

Work Paper Reference No(s).: None

Workpaper B-1

Page 1 of 1

<u>Line</u> (A)	<u>Item Description</u> (B)	<u>Gross Revenues</u> (C)	<u>Source</u> (D)
1	Operating Revenues	100.000%	
2	Less: Commercial Activities Tax (CAT)	0.260%	Current Statutory Rate
3	Percentage of Income After CAT	99.740%	Line 1 - Line 2
4	CAT Tax Gross Revenue Conversion Factor	1.00261	Line 1 / Line 3

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Projected Charges and Revenues**  
**June 2021 - May 2022**  
**(Revenue)/Expense in \$**

Data: Forecasted

Type of Filing: Original

Work Paper Reference No(s).: WPC-1b; WPC-1c

Workpaper C-1a  
Page 1 of 12

**June 2021 - Forecast**

Line (A)	Description (B)	<b>Total</b>		Type of Charge (E)	Adjustment Factor (F) WPC-1c	<b>Total Net Costs</b> (G) = ((C)+(D)) x (F)
		PJM Bill <u>Charges</u> (C)	PJM Bill <u>Revenues</u> (D)			
1	<b>TCRR-N Costs &amp; Revenues</b>					
2	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	\$ 745	NA	Energy	99.980%	\$ 745
3	Transmission Enhancement Charges (RTEP)	\$ 647,824	NA	Demand - 1 CP	100.000%	\$ 647,824
4	Reactive Supply and Voltage Control from Gen Sources	\$ 197,804	NA	Reactive Demand - 12 CP	100.001%	\$ 197,806
5	Black Start Service	\$ 8,970	NA	Demand - 12 CP	100.001%	\$ 8,970
6	TO Scheduling System Control and Dispatch Service	\$ 84,584	NA	Energy	99.980%	\$ 84,567
7	NERC/RFC Charges	\$ 47,613	NA	Energy	99.980%	\$ 47,603
8	Firm PTP Transmission Service			Demand - 1 CP	100.000%	\$ -
9	Non-Firm PTP Transmission Service	\$ -	\$ (1,803)	Demand - 1 CP	100.000%	\$ (1,803)
10	Network Integration Transmission Service	\$ 3,730,615	NA	Demand - 1 CP	100.000%	\$ 3,730,615
11	Load Response	\$ -		Energy	99.980%	\$ -
12	Expansion Cost Recovery Charges (ECRC)	\$ -		Demand - 1 CP	100.000%	\$ -
13	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 443,396	NA	Energy	99.980%	\$ 443,307
14	Michigan - Ontario PARS	\$ -	NA	Energy	99.980%	\$ -
15	Incremental Capacity Transfer Rights Credits	\$ -	\$ -	Demand - 1 CP	100.000%	\$ -
16	TCRR-N SubTotal		\$ 5,161,550	\$ (1,803)		\$ 5,159,633
17	TCRR-N Deferral carrying costs (WPC-1b)					\$ 92,155
18	<b>Total TCRR-N including carrying costs</b>		\$ 5,161,550	\$ (1,803)		\$ 5,251,788
19						

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Projected Charges and Revenues**  
**June 2021 - May 2022**  
**(Revenue)/Expense in \$**

Data: Forecasted

Type of Filing: Original

Work Paper Reference No(s).: WPC-1b

Workpaper C-1a  
Page 2 of 12

**July 2021 - Forecast**

<u>Line</u> (A)	<u>Description</u> (B)	<b>Total</b>		<u>Type of Charge</u> (E)	<u>Adjustment</u> (F) WPC-1c	<b>Total</b> <u>Net Costs</u> (G) = ((C)+(D)) x (F)
		<u>PJM Bill</u> <u>Charges</u> (C)	<u>PJM Bill</u> <u>Revenues</u> (D)			
20	<b>TCRR-N Costs &amp; Revenues</b>					
21	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	\$ 908	NA	Energy	99.980%	\$ 908
22	Transmission Enhancement Charges (RTEP)	\$ 648,067	NA	Demand - 1 CP	100.000%	\$ 648,067
23	Reactive Supply and Voltage Control from Gen Sources	\$ 197,985	NA	Reactive Demand - 12 CP	100.001%	\$ 197,987
24	Black Start Service	\$ 15,277	NA	Demand - 12 CP	100.001%	\$ 15,277
25	TO Scheduling System Control and Dispatch Service	\$ 105,150	NA	Energy	99.980%	\$ 105,129
26	NERC/RFC Charges	\$ 58,978	NA	Energy	99.980%	\$ 58,966
27	Firm PTP Transmission Service			Demand - 1 CP	100.000%	\$ -
28	Non-Firm PTP Transmission Service	\$ -	\$ (2,481)	Demand - 1 CP	100.000%	\$ (2,481)
29	Network Integration Transmission Service	\$ 3,828,237	NA	Demand - 1 CP	100.000%	\$ 3,828,237
30	Load Response	\$ 820		Energy	99.980%	\$ 820
31	Expansion Cost Recovery Charges (ECRC)	\$ -		Demand - 1 CP	100.000%	\$ -
32	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 509,146	NA	Energy	99.980%	\$ 509,043
33	Michigan - Ontario PARS	\$ -	NA	Energy	99.980%	\$ -
34	Incremental Capacity Transfer Rights Credits	\$ -	\$ (24,275)	Demand - 1 CP	100.000%	\$ (24,275)
35		TCRR-N SubTotal	\$ 5,364,568	\$ (26,756)		\$ 5,337,678
36	TCRR-N Deferral carrying costs (WPC-1b)					\$ 84,159
37						
38	<b>Total TCRR-N including carrying costs</b>		\$ 5,364,568	\$ (26,756)		\$ 5,421,837

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Projected Charges and Revenues**  
**June 2021 - May 2022**  
**(Revenue)/Expense in \$**

Data: Forecasted

Type of Filing: Original

Work Paper Reference No(s).: WPC-1b

Workpaper C-1a  
Page 3 of 12

**August 2021 - Forecast**

<u>Line</u> (A)	<u>Description</u> (B)	<b>Total</b>		<u>Type of Charge</u> (E)	<u>Adjustment</u> (F) WPC-1c	<b>Total</b> <u>Net Costs</u> (G) = ((C)+(D)) x (F)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)			
39	<b>TCRR-N Costs &amp; Revenues</b>					
40	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	\$ 811	NA	Energy	99.980%	\$ 811
41	Transmission Enhancement Charges (RTEP)	\$ 646,368	NA	Demand - 1 CP	100.000%	\$ 646,368
42	Reactive Supply and Voltage Control from Gen Sources	\$ 197,222	NA	Reactive Demand - 12 CP	100.001%	\$ 197,225
43	Black Start Service	\$ 15,274	NA	Demand - 12 CP	100.001%	\$ 15,274
44	TO Scheduling System Control and Dispatch Service	\$ 93,874	NA	Energy	99.980%	\$ 93,855
45	NERC/RFC Charges	\$ 52,654	NA	Energy	99.980%	\$ 52,644
46	Firm PTP Transmission Service			Demand - 1 CP	100.000%	\$ -
47	Non-Firm PTP Transmission Service	\$ -	\$ (3,548)	Demand - 1 CP	100.000%	\$ (3,548)
48	Network Integration Transmission Service	\$ 3,828,237	NA	Demand - 1 CP	100.000%	\$ 3,828,237
49	Load Response	\$ 1,696		Energy	99.980%	\$ 1,696
50	Expansion Cost Recovery Charges (ECRC)	\$ -		Demand - 1 CP	100.000%	\$ -
51	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 457,316	NA	Energy	99.980%	\$ 457,224
52	Michigan - Ontario PARS	\$ -	NA	Energy	99.980%	\$ -
53	Incremental Capacity Transfer Rights Credits	\$ -	\$ (24,274)	Demand - 1 CP	100.000%	\$ (24,274)
54		TCRR-N SubTotal	\$ 5,293,453	\$ (27,822)		\$ 5,265,511
55	TCRR-N Deferral carrying costs (WPC-1b)					\$ 73,587
56						
57	<b>Total TCRR-N including carrying costs</b>		\$ 5,293,453	\$ (27,822)		\$ 5,339,098

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Projected Charges and Revenues**  
**June 2021 - May 2022**  
**(Revenue)/Expense in \$**

Data: Forecasted

Type of Filing: Original

Work Paper Reference No(s).: WPC-1b

Workpaper C-1a  
Page 4 of 12

**September 2021 - Forecast**

<u>Line</u> (A)	<u>Description</u> (B)	<b>Total</b>		<u>Type of Charge</u> (E)	<u>Adjustment</u> (F) WPC-1c	<b>Total</b> <u>Net Costs</u> (G) = ((C)+(D)) x (F)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)			
58	<b>TCRR-N Costs &amp; Revenues</b>					
59	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	\$ 690	NA	Energy	99.980%	\$ 690
60	Transmission Enhancement Charges (RTEP)	\$ 658,089	NA	Demand - 1 CP	100.000%	\$ 658,089
61	Reactive Supply and Voltage Control from Gen Sources	\$ 198,741	NA	Reactive Demand - 12 CP	100.001%	\$ 198,743
62	Black Start Service	\$ 6,398	NA	Demand - 12 CP	100.001%	\$ 6,398
63	TO Scheduling System Control and Dispatch Service	\$ 79,846	NA	Energy	99.980%	\$ 79,830
64	NERC/RFC Charges	\$ 44,781	NA	Energy	99.980%	\$ 44,772
65	Firm PTP Transmission Service			Demand - 1 CP	100.000%	\$ -
66	Non-Firm PTP Transmission Service	\$ -	\$ (4,285)	Demand - 1 CP	100.000%	\$ (4,285)
67	Network Integration Transmission Service	\$ 3,730,615	NA	Demand - 1 CP	100.000%	\$ 3,730,615
68	Load Response	\$ 1,482		Energy	99.980%	\$ 1,481
69	Expansion Cost Recovery Charges (ECRC)	\$ -		Demand - 1 CP	100.000%	\$ -
70	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 389,835	NA	Energy	99.980%	\$ 389,756
71	Michigan - Ontario PARS	\$ -	NA	Energy	99.980%	\$ -
72	Incremental Capacity Transfer Rights Credits	\$ -	\$ (23,485)	Demand - 1 CP	100.000%	\$ (23,485)
73	TCRR-N SubTotal		\$ 5,110,476	\$ (27,769)		\$ 5,082,605
74	TCRR-N Deferral carrying costs (WPC-1b)					\$ 62,965
75	<b>Total TCRR-N including carrying costs</b>		\$ 5,110,476	\$ (27,769)		\$ 5,145,570
76						

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Projected Charges and Revenues**  
**June 2021 - May 2022**  
**(Revenue)/Expense in \$**

Data: Forecasted

Type of Filing: Original

Work Paper Reference No(s).: WPC-1b

Workpaper C-1a  
Page 5 of 12

**October 2021 - Forecast**

<u>Line</u> (A)	<u>Description</u> (B)	<b>Total</b>		<u>Type of Charge</u> (E)	<u>Adjustment</u> (F) WPC-1c	<b>Total</b> <u>Net Costs</u> (G) = ((C)+(D)) x (F)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)			
77	<b>TCRR-N Costs &amp; Revenues</b>					
78	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	\$ 648	NA	Energy	99.980%	\$ 647
79	Transmission Enhancement Charges (RTEP)	\$ 664,196	NA	Demand - 1 CP	100.000%	\$ 664,196
80	Reactive Supply and Voltage Control from Gen Sources	\$ 198,482	NA	Reactive Demand - 12 CP	100.001%	\$ 198,484
81	Black Start Service	\$ 30,760	NA	Demand - 12 CP	100.001%	\$ 30,760
82	TO Scheduling System Control and Dispatch Service	\$ 74,939	NA	Energy	99.980%	\$ 74,924
83	NERC/RFC Charges	\$ 42,030	NA	Energy	99.980%	\$ 42,021
84	Firm PTP Transmission Service			Demand - 1 CP	100.000%	\$ -
85	Non-Firm PTP Transmission Service	\$ -	\$ (2,457)	Demand - 1 CP	100.000%	\$ (2,457)
86	Network Integration Transmission Service	\$ 3,828,237	NA	Demand - 1 CP	100.000%	\$ 3,828,237
87	Load Response	\$ 510		Energy	99.980%	\$ 510
88	Expansion Cost Recovery Charges (ECRC)	\$ -		Demand - 1 CP	100.000%	\$ -
89	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 307,104	NA	Energy	99.980%	\$ 307,042
90	Michigan - Ontario PARS	\$ -	NA	Energy	99.980%	\$ -
91	Incremental Capacity Transfer Rights Credits	\$ -	\$ (24,082)	Demand - 1 CP	100.000%	\$ (24,082)
92		TCRR-N SubTotal	\$ 5,146,905	\$ (26,539)		\$ 5,120,283
93	TCRR-N Deferral carrying costs (WPC-1b)					\$ 55,707
94						
95	<b>Total TCRR-N including carrying costs</b>					<b>\$ 5,175,990</b>

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Projected Charges and Revenues**  
**June 2021 - May 2022**  
**(Revenue)/Expense in \$**

Data: Forecasted

Type of Filing: Original

Work Paper Reference No(s).: WPC-1b

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**November 2021 - Forecast**

<u>Line</u> (A)	<u>Description</u> (B)	<u>Total</u>		<u>Type of Charge</u> (E)	<u>Adjustment</u> (F) WPC-1c	<u>Total</u> $(G) = ((C)+(D)) \times (F)$
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)			
96	<b>TCRR-N Costs &amp; Revenues</b>					
97	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	\$ 657	NA	Energy	99.980%	\$ 657
98	Transmission Enhancement Charges (RTEP)	\$ 702,211	NA	Demand - 1 CP	100.000%	\$ 702,211
99	Reactive Supply and Voltage Control from Gen Sources	\$ 197,033	NA	Reactive Demand - 12 CP	100.001%	\$ 197,035
100	Black Start Service	\$ 15,257	NA	Demand - 12 CP	100.001%	\$ 15,258
101	TO Scheduling System Control and Dispatch Service	\$ 76,080	NA	Energy	99.980%	\$ 76,065
102	NERC/RFC Charges	\$ 42,669	NA	Energy	99.980%	\$ 42,660
103	Firm PTP Transmission Service	\$ -	\$ (3,952)	Demand - 1 CP	100.000%	\$ -
104	Non-Firm PTP Transmission Service	\$ 3,730,615	NA	Demand - 1 CP	100.000%	\$ (3,952)
105	Network Integration Transmission Service	\$ 7		Demand - 1 CP	100.000%	\$ 3,730,615
106	Load Response	\$ -		Energy	99.980%	\$ 7
107	Expansion Cost Recovery Charges (ECRC)	\$ 311,562	NA	Demand - 1 CP	100.000%	\$ -
108	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ -	NA	Energy	99.980%	\$ 311,560
109	Michigan - Ontario PARS	\$ -	NA	Energy	99.980%	\$ -
110	Incremental Capacity Transfer Rights Credits	\$ -	\$ (23,305)	Demand - 1 CP	100.000%	\$ (23,305)
111	TCRR-N SubTotal		\$ 5,076,152	\$ (27,257)		\$ 5,048,810
112	TCRR-N Deferral carrying costs (WPC-1b)					\$ 51,352
113						
114	<b>Total TCRR-N including carrying costs</b>					<b>\$ 5,100,161</b>

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Projected Charges and Revenues**  
**June 2021 - May 2022**  
**(Revenue)/Expense in \$**

Data: Forecasted

Type of Filing: Original

Work Paper Reference No(s).: WPC-1b

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**December 2021 - Forecast**

<u>Line</u> (A)	<u>Description</u> (B)	<b>Total</b>		<u>Type of Charge</u> (E)	<u>Adjustment</u> (F) WPC-1c	<b>Total</b> <u>Net Costs</u> (G) = ((C)+(D)) x (F)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)			
115	<b>TCRR-N Costs &amp; Revenues</b>					
116	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	\$ 774	NA	Energy	99.980%	\$ 774
117	Transmission Enhancement Charges (RTEP)	\$ 845,822	NA	Demand - 1 CP	100.000%	\$ 845,822
118	Reactive Supply and Voltage Control from Gen Sources	\$ 198,973	NA	Reactive Demand - 12 CP	100.001%	\$ 198,975
119	Black Start Service	\$ 15,408	NA	Demand - 12 CP	100.001%	\$ 15,408
120	TO Scheduling System Control and Dispatch Service	\$ 89,655	NA	Energy	99.980%	\$ 89,637
121	NERC/RFC Charges	\$ 50,281	NA	Energy	99.980%	\$ 50,271
122	Firm PTP Transmission Service	\$ -	\$ (4,794)	Demand - 1 CP	100.000%	\$ -
123	Non-Firm PTP Transmission Service	\$ 3,828,237	NA	Demand - 1 CP	100.000%	\$ (4,794)
124	Network Integration Transmission Service	\$ 6		Demand - 1 CP	100.000%	\$ 3,828,237
125	Load Response	\$ -		Energy	99.980%	\$ 6
126	Expansion Cost Recovery Charges (ECRC)	\$ 365,534	NA	Demand - 1 CP	100.000%	\$ -
127	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ -	NA	Energy	99.980%	\$ 365,461
128	Michigan - Ontario PARS	\$ -	NA	Energy	99.980%	\$ -
129	Incremental Capacity Transfer Rights Credits	\$ -	\$ (24,086)	Demand - 1 CP	100.000%	\$ (24,086)
130		TCRR-N SubTotal	\$ 5,394,691	\$ (28,880)		\$ 5,365,711
131	TCRR-N Deferral carrying costs (WPC-1b)					\$ 46,499
132						
133	<b>Total TCRR-N including carrying costs</b>		\$ 5,394,691	\$ (28,880)		\$ 5,412,210

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Projected Charges and Revenues**  
**June 2021 - May 2022**  
**(Revenue)/Expense in \$**

Data: Forecasted

Type of Filing: Original

Work Paper Reference No(s).: WPC-1b

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**January 2022 - Forecast**

<u>Line</u> (A)	<u>Description</u> (B)	<u>Total</u>		<u>Type of Charge</u> (E)	<u>Adjustment</u> (F) WPC-1c	<u>Total</u> $(G) = ((C)+(D)) \times (F)$
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)			
134	<b>TCRR-N Costs &amp; Revenues</b>					
135	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	\$ 919	NA	Energy	99.980%	\$ 919
136	Transmission Enhancement Charges (RTEP)	\$ 650,742	NA	Demand - 1 CP	100.000%	\$ 650,742
137	Reactive Supply and Voltage Control from Gen Sources	\$ 201,784	NA	Reactive Demand - 12 CP	100.001%	\$ 201,786
138	Black Start Service	\$ 15,626	NA	Demand - 12 CP	100.001%	\$ 15,627
139	TO Scheduling System Control and Dispatch Service	\$ 92,706	NA	Energy	99.980%	\$ 92,687
140	NERC/RFC Charges	\$ 105,436	NA	Energy	99.980%	\$ 105,415
141	Firm PTP Transmission Service	\$ -	\$ (2,301)	Demand - 1 CP	100.000%	\$ -
142	Non-Firm PTP Transmission Service	\$ 4,578,862	NA	Demand - 1 CP	100.000%	\$ (2,301)
143	Network Integration Transmission Service	\$ 734		Demand - 1 CP	100.000%	\$ 4,578,862
144	Load Response	\$ -		Energy	99.980%	\$ -
145	Expansion Cost Recovery Charges (ECRC)	\$ 514,054	NA	Demand - 1 CP	100.000%	\$ -
146	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ -	NA	Energy	99.980%	\$ 513,950
147	Michigan - Ontario PARS	\$ -	NA	Energy	99.980%	\$ -
148	Incremental Capacity Transfer Rights Credits	\$ -	\$ (25,452)	Demand - 1 CP	100.000%	\$ (25,452)
149		TCRR-N SubTotal	\$ 6,160,862	\$ (27,753)		\$ 6,132,234
150	TCRR-N Deferral carrying costs (WPC-1b)					\$ 38,431
151						
152	<b>Total TCRR-N including carrying costs</b>		\$ 6,160,862	\$ (27,753)		\$ 6,170,665

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Projected Charges and Revenues**  
**June 2021 - May 2022**  
**(Revenue)/Expense in \$**

Data: Forecasted

Type of Filing: Original

Work Paper Reference No(s).: WPC-1b

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**February 2022 - Forecast**

<u>Line</u> (A)	<u>Description</u> (B)	<u>Total</u>		<u>Type of Charge</u> (E)	<u>Adjustment</u> (F) WPC-1c	<u>Total</u> $(G) = ((C)+(D)) \times (F)$
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)			
153	<b>TCRR-N Costs &amp; Revenues</b>					
154	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	\$ 762	NA	Energy	99.980%	\$ 762
155	Transmission Enhancement Charges (RTEP)	\$ 650,732	NA	Demand - 1 CP	100.000%	\$ 650,732
156	Reactive Supply and Voltage Control from Gen Sources	\$ 201,448	NA	Reactive Demand - 12 CP	100.001%	\$ 201,450
157	Black Start Service	\$ 27,651	NA	Demand - 12 CP	100.001%	\$ 27,652
158	TO Scheduling System Control and Dispatch Service	\$ 99,675	NA	Energy	99.980%	\$ 99,654
159	NERC/RFC Charges	\$ 49,527	NA	Energy	99.980%	\$ 49,517
160	Firm PTP Transmission Service			Demand - 1 CP	100.000%	\$ -
161	Non-Firm PTP Transmission Service	\$ -	\$ (1,732)	Demand - 1 CP	100.000%	\$ (1,732)
162	Network Integration Transmission Service	\$ 4,128,159	NA	Demand - 1 CP	100.000%	\$ 4,128,159
163	Load Response	\$ 1,022		Energy	99.980%	\$ -
164	Expansion Cost Recovery Charges (ECRC)	\$ -		Demand - 1 CP	100.000%	\$ -
165	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 400,969	NA	Energy	99.980%	\$ 400,888
166	Michigan - Ontario PARS	\$ -	NA	Energy	99.980%	\$ -
167	Incremental Capacity Transfer Rights Credits	\$ -	\$ (4,503)	Demand - 1 CP	100.000%	\$ (4,503)
168		TCRR-N SubTotal	\$ 5,559,945	\$ (6,235)		\$ 5,552,579
169	TCRR-N Deferral carrying costs (WPC-1b)					\$ 28,179
170						
171	<b>Total TCRR-N including carrying costs</b>		\$ 5,559,945	\$ (6,235)		\$ 5,580,759

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Projected Charges and Revenues**  
**June 2021 - May 2022**  
**(Revenue)/Expense in \$**

Data: Forecasted

Type of Filing: Original

Work Paper Reference No(s).: WPC-1b

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**March 2022 - Forecast**

<u>Line</u> (A)	<u>Description</u> (B)	<b>Total</b>		<u>Type of Charge</u> (E)	<u>Adjustment</u> (F) WPC-1c	<b>Total</b> <u>Net Costs</u> (G) = ((C)+(D)) x (F)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)			
172	<b>TCRR-N Costs &amp; Revenues</b>					
173	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	\$ 680	NA	Energy	99.980%	\$ 680
174	Transmission Enhancement Charges (RTEP)	\$ 650,886	NA	Demand - 1 CP	100.000%	\$ 650,886
175	Reactive Supply and Voltage Control from Gen Sources	\$ 200,357	NA	Reactive Demand - 12 CP	100.001%	\$ 200,359
176	Black Start Service	\$ 15,567	NA	Demand - 12 CP	100.001%	\$ 15,567
177	TO Scheduling System Control and Dispatch Service	\$ 88,935	NA	Energy	99.980%	\$ 88,917
178	NERC/RFC Charges	\$ 44,188	NA	Energy	99.980%	\$ 44,180
179	Firm PTP Transmission Service			Demand - 1 CP	100.000%	\$ -
180	Non-Firm PTP Transmission Service	\$ -	\$ (1,366)	Demand - 1 CP	100.000%	\$ (1,366)
181	Network Integration Transmission Service	\$ 3,828,237	NA	Demand - 1 CP	100.000%	\$ 3,828,237
182	Load Response	\$ 196		Energy	99.980%	\$ -
183	Expansion Cost Recovery Charges (ECRC)	\$ -		Demand - 1 CP	100.000%	\$ -
184	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 358,812	NA	Energy	99.980%	\$ 358,739
185	Michigan - Ontario PARS	\$ -	NA	Energy	99.980%	\$ -
186	Incremental Capacity Transfer Rights Credits	\$ -	\$ (4,814)	Demand - 1 CP	100.000%	\$ (4,814)
187		TCRR-N SubTotal	\$ 5,187,858	\$ (6,180)		\$ 5,181,385
188	TCRR-N Deferral carrying costs (WPC-1b)					\$ 17,877
189						
190	<b>Total TCRR-N including carrying costs</b>		\$ 5,187,858	\$ (6,180)		\$ 5,199,262

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Projected Charges and Revenues**  
**June 2021 - May 2022**  
**(Revenue)/Expense in \$**

Data: Forecasted

Type of Filing: Original

Work Paper Reference No(s).: WPC-1b

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**April 2022 - Forecast**

<u>Line</u> (A)	<u>Description</u> (B)	<b>Total</b>		<u>Type of Charge</u> (E)	<u>Adjustment</u> (F) WPC-1c	<b>Total</b> <u>Net Costs</u> (G) = ((C)+(D)) x (F)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)			
191	<b>TCRR-N Costs &amp; Revenues</b>					
192	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	\$ 576	NA	Energy	99.980%	\$ 576
193	Transmission Enhancement Charges (RTEP)	\$ 650,908	NA	Demand - 1 CP	100.000%	\$ 650,908
194	Reactive Supply and Voltage Control from Gen Sources	\$ 199,945	NA	Reactive Demand - 12 CP	100.001%	\$ 199,947
195	Black Start Service	\$ 15,535	NA	Demand - 12 CP	100.001%	\$ 15,535
196	TO Scheduling System Control and Dispatch Service	\$ 75,377	NA	Energy	99.980%	\$ 75,362
197	NERC/RFC Charges	\$ 37,452	NA	Energy	99.980%	\$ 37,445
198	Firm PTP Transmission Service			Demand - 1 CP	100.000%	\$ -
199	Non-Firm PTP Transmission Service	\$ -	\$ (607)	Demand - 1 CP	100.000%	\$ (607)
200	Network Integration Transmission Service	\$ 3,730,615	NA	Demand - 1 CP	100.000%	\$ 3,730,615
201	Load Response	\$ 30		Energy	99.980%	\$ -
202	Expansion Cost Recovery Charges (ECRC)	\$ -		Demand - 1 CP	100.000%	\$ -
203	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 352,859	NA	Energy	99.980%	\$ 352,787
204	Michigan - Ontario PARS	\$ -	NA	Energy	99.980%	\$ -
205	Incremental Capacity Transfer Rights Credits	\$ -	\$ (4,660)	Demand - 1 CP	100.000%	\$ (4,660)
206		TCRR-N SubTotal	\$ 5,063,298	\$ (5,267)		\$ 5,057,909
207	TCRR-N Deferral carrying costs (WPC-1b)					\$ 8,823
208						
209	<b>Total TCRR-N including carrying costs</b>		\$ 5,063,298	\$ (5,267)		\$ 5,066,732

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Projected Charges and Revenues**  
**June 2021 - May 2022**  
**(Revenue)/Expense in \$**

Data: Forecasted

Type of Filing: Original

Work Paper Reference No(s).: WPC-1b

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**May 2022 - Forecast**

<u>Line</u> (A)	<u>Description</u> (B)	<b>Total</b>		<u>Type of Charge</u> (E)	<u>Adjustment</u> (F) WPC-1c	<b>Total</b> <u>Net Costs</u> (G) = ((C)+(D)) x (F)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)			
209	<b>TCRR-N Costs &amp; Revenues</b>					
210	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	\$ 611	NA	Energy	99.980%	\$ 611
211	Transmission Enhancement Charges (RTEP)	\$ 650,910	NA	Demand - 1 CP	100.000%	\$ 650,910
212	Reactive Supply and Voltage Control from Gen Sources	\$ 199,485	NA	Reactive Demand - 12 CP	100.001%	\$ 199,487
213	Black Start Service	\$ 15,499	NA	Demand - 12 CP	100.001%	\$ 15,499
214	TO Scheduling System Control and Dispatch Service	\$ 71,387	NA	Energy	99.980%	\$ 71,372
215	NERC/RFC Charges	\$ 39,740	NA	Energy	99.980%	\$ 39,732
216	Firm PTP Transmission Service			Demand - 1 CP	100.000%	\$ -
217	Non-Firm PTP Transmission Service	\$ -	\$ (1,630)	Demand - 1 CP	100.000%	\$ (1,630)
218	Network Integration Transmission Service	\$ 3,828,237	NA	Demand - 1 CP	100.000%	\$ 3,828,237
219	Load Response	\$ 41		Energy	99.980%	\$ -
220	Expansion Cost Recovery Charges (ECRC)	\$ -		Demand - 1 CP	100.000%	\$ -
221	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 373,724	NA	Energy	99.980%	\$ 373,648
222	Michigan - Ontario PARS	\$ -	NA	Energy	99.980%	\$ -
223	Incremental Capacity Transfer Rights Credits	\$ -	\$ -	Demand - 1 CP	100.000%	\$ -
224		TCRR-N SubTotal	\$ 5,179,634	\$ (1,630)		\$ 5,177,868
225	TCRR-N Deferral carrying costs (WPC-1b)					\$ 2,482
226						
227	<b>Total TCRR-N including carrying costs</b>		\$ 5,179,634	\$ (1,630)		\$ 5,180,350

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Calculation of Carrying Costs - TCRR-N**  
**January 2020 - May 2022 (Over) / Under Recovery**

Data: Actual and Forecasted

Type of Filing: Original

Work Paper Reference No(s).: None

Workpaper C-1b

Page 1 of 1

Line No.	Period	MONTHLY ACTIVITY						CARRYING COST CALCULATION				
		First of Month Balance*	New TCRR Charges	Amount Collected (CR)	NET AMOUNT	End of Month before Carrying Cost	Carrying Cost @ 4.80%	End of Month Balance	End of Month Balance	Less: One-half Monthly Amount	Total Applicable to Carrying Cost	
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(L)	
						$(F) = (D) + (E)$	$(G) = (C) + (F)$	$(H) = (L) * (4.8\% / 12)$	$(I) = (G) + (H)$	$(J) = (G)$	$(K) = -(F) * .5$	$(L) = (J) + (K)$
1	Jan-20	\$ (14,583,967.94)	\$ 4,380,144.08	\$ (1,954,336.98)	\$ 2,425,807.10	\$ (12,158,160.84)	\$ (53,484.26)	\$ (12,211,645.10)	\$ (12,158,160.84)	\$ (1,212,903.55)	\$ (13,371,064.39)	
2	Feb-20	\$ (12,211,645.10)	\$ 4,193,097.19	\$ (1,951,948.34)	\$ 2,241,148.85	\$ (9,970,496.25)	\$ (44,364.28)	\$ (10,014,860.53)	\$ (9,970,496.25)	\$ (1,120,574.43)	\$ (11,091,070.67)	
3	Mar-20	\$ (10,014,860.53)	\$ 4,366,253.60	\$ (1,904,046.80)	\$ 2,462,206.80	\$ (7,552,653.73)	\$ (35,135.03)	\$ (7,587,788.76)	\$ (7,552,653.73)	\$ (1,231,103.40)	\$ (8,783,757.13)	
4	Apr-20	\$ (7,587,788.76)	\$ 4,181,077.43	\$ (1,688,760.71)	\$ 2,492,316.72	\$ (5,095,472.04)	\$ (25,366.52)	\$ (5,120,838.56)	\$ (5,095,472.04)	\$ (1,246,158.36)	\$ (6,341,630.40)	
5	May-20	\$ (5,120,838.56)	\$ 4,712,323.18	\$ (1,564,189.31)	\$ 3,148,133.87	\$ (1,972,704.69)	\$ (14,187.09)	\$ (1,986,891.78)	\$ (1,972,704.69)	\$ (1,574,066.93)	\$ (3,546,771.63)	
6	Jun-20	\$ (1,986,891.78)	\$ 4,689,093.53	\$ (3,195,794.87)	\$ 1,493,298.66	\$ (493,593.12)	\$ (4,960.97)	\$ (498,554.09)	\$ (493,593.12)	\$ (746,649.33)	\$ (1,240,242.45)	
7	Jul-20	\$ (498,554.09)	\$ 4,901,884.17	\$ (3,794,356.32)	\$ 1,107,527.85	\$ 608,973.76	\$ 220.84	\$ 609,194.60	\$ 608,973.76	\$ (553,763.93)	\$ 55,209.84	
8	Aug-20	\$ 609,194.60	\$ 4,832,319.06	\$ (3,728,402.65)	\$ 1,103,916.41	\$ 1,713,111.02	\$ 4,644.61	\$ 1,717,755.63	\$ 1,713,111.02	\$ (551,958.21)	\$ 1,161,152.81	
9	Sep-20	\$ 1,717,755.63	\$ 4,648,579.29	\$ (3,536,605.12)	\$ 1,111,974.16	\$ 2,829,729.79	\$ 9,094.97	\$ 2,838,824.76	\$ 2,829,729.79	\$ (555,987.08)	\$ 2,273,742.71	
10	Oct-20	\$ 2,838,824.76	\$ 4,642,953.39	\$ (2,964,619.52)	\$ 1,678,333.87	\$ 4,517,158.63	\$ 14,711.97	\$ 4,531,870.60	\$ 4,517,158.63	\$ (839,166.94)	\$ 3,677,991.70	
11	Nov-20	\$ 4,531,870.60	\$ 4,573,936.18	\$ (2,783,035.16)	\$ 1,790,901.02	\$ 6,322,771.62	\$ 21,709.28	\$ 6,344,480.91	\$ 6,322,771.62	\$ (895,450.51)	\$ 5,427,321.11	
12	Dec-20	\$ 6,344,480.91	\$ 5,642,911.38	\$ (3,352,489.66)	\$ 2,290,421.72	\$ 8,634,902.62	\$ 29,958.77	\$ 8,664,861.39	\$ 8,634,902.62	\$ (1,145,210.86)	\$ 7,489,691.76	
13	Jan-21	\$ 8,664,861.39	\$ 8,217,120.82	\$ (3,803,131.26)	\$ 4,413,989.56	\$ 13,078,850.94	\$ 43,487.42	\$ 13,122,338.37	\$ 13,078,850.94	\$ (2,206,994.78)	\$ 10,871,856.17	
14	Feb-21	\$ 13,122,338.37	\$ 8,710,455.85	\$ (3,582,624.40)	\$ 5,127,831.45	\$ 18,250,169.82	\$ 62,745.02	\$ 18,312,914.83	\$ 18,250,169.82	\$ (2,563,915.72)	\$ 15,686,254.09	
15	Mar-21	\$ 18,312,914.83	\$ 5,000,000.00	\$ (3,418,195.05)	\$ 1,581,804.95	\$ 19,894,719.78	\$ 76,415.27	\$ 19,971,135.05	\$ 19,894,719.78	\$ (790,902.48)	\$ 19,103,817.31	
16	Apr-21	\$ 19,971,135.05	\$ 5,000,000.00	\$ (3,031,707.78)	\$ 1,968,292.22	\$ 21,939,427.27	\$ 83,821.12	\$ 22,023,248.40	\$ 21,939,427.27	\$ (984,146.11)	\$ 20,955,281.16	
17	May-21	\$ 22,023,248.40	\$ 5,000,000.00	\$ (3,224,951.42)	\$ 1,775,048.59	\$ 23,798,296.98	\$ 91,643.09	\$ 23,889,940.07	\$ 23,798,296.98	\$ (887,524.29)	\$ 22,910,772.69	
18	Jun-21	\$ 23,889,940.07	\$ 5,159,632.83	\$ (6,861,822.12)	\$ (1,702,189.29)	\$ 22,187,750.78	\$ 92,155.38	\$ 22,279,906.16	\$ 22,187,750.78	\$ 851,094.65	\$ 23,038,845.43	
19	Jul-21	\$ 22,279,906.16	\$ 5,337,677.77	\$ (7,817,836.86)	\$ (2,480,159.09)	\$ 19,799,747.07	\$ 84,159.31	\$ 19,883,906.38	\$ 19,799,747.07	\$ 1,240,079.55	\$ 21,039,826.62	
20	Aug-21	\$ 19,883,906.38	\$ 5,265,511.05	\$ (8,239,966.54)	\$ (2,974,455.49)	\$ 16,909,450.89	\$ 73,586.71	\$ 16,983,037.60	\$ 16,909,450.89	\$ 1,487,227.75	\$ 18,396,678.63	
21	Sep-21	\$ 16,983,037.60	\$ 5,082,604.91	\$ (7,566,290.15)	\$ (2,483,685.24)	\$ 14,499,352.37	\$ 62,964.78	\$ 14,562,317.15	\$ 14,499,352.37	\$ 1,241,842.62	\$ 15,741,194.98	
22	Oct-21	\$ 14,562,317.15	\$ 5,120,282.50	\$ (6,391,255.59)	\$ (1,270,973.09)	\$ 13,291,344.05	\$ 55,707.32	\$ 13,347,051.37	\$ 13,291,344.05	\$ 635,486.55	\$ 13,926,830.60	
23	Nov-21	\$ 13,347,051.37	\$ 5,048,809.57	\$ (6,067,138.93)	\$ (1,018,329.36)	\$ 12,328,722.01	\$ 51,351.55	\$ 12,380,073.56	\$ 12,328,722.01	\$ 509,164.68	\$ 12,837,886.69	
24	Dec-21	\$ 12,380,073.56	\$ 5,365,711.39	\$ (6,876,570.64)	\$ (1,510,859.25)	\$ 10,869,214.31	\$ 46,498.58	\$ 10,915,712.89	\$ 10,869,214.31	\$ 755,429.62	\$ 11,624,643.93	
25	Jan-22	\$ 10,915,712.89	\$ 6,132,233.51	\$ (8,748,058.73)	\$ (2,615,825.22)	\$ 8,299,887.66	\$ 38,431.20	\$ 8,338,318.87	\$ 8,299,887.66	\$ 1,307,912.61	\$ 9,607,800.28	
26	Feb-22	\$ 8,338,318.87	\$ 5,552,579.21	\$ (8,139,563.50)	\$ (2,586,984.29)	\$ 5,751,334.57	\$ 28,179.31	\$ 5,779,513.88	\$ 5,751,334.57	\$ 1,293,492.15	\$ 7,044,826.72	
27	Mar-22	\$ 5,779,513.88	\$ 5,181,385.39	\$ (7,801,871.94)	\$ (2,620,486.55)	\$ 3,159,027.33	\$ 17,877.08	\$ 3,176,904.42	\$ 3,159,027.33	\$ 1,310,243.27	\$ 4,469,270.61	
28	Apr-22	\$ 3,176,904.42	\$ 5,057,909.23	\$ (7,000,137.58)	\$ (1,942,228.35)	\$ 1,234,676.07	\$ 8,823.16	\$ 1,243,499.23	\$ 1,234,676.07	\$ 971,114.17	\$ 2,205,790.24	
29	May-22	\$ 1,243,499.23	\$ 5,177,868.01	\$ (6,423,849.27)	\$ (1,245,981.26)	\$ (2,482.03)	\$ 2,482.03	\$ 0.00	\$ (2,482.03)	\$ 622,990.63	\$ 620,508.60	

"Current cycle" carrying costs: \$ 562,216.41

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Energy and Demand Charge Adjustments for TCRR-N Pilot Program**  
**June 2021 - May 2022**

Data: Actual

Type of Filing: Original

Work Paper Reference No(s).: WPC-3a; WPC-3b

Workpaper C-1c

Page 1 of 1

<u>Line</u>	<u>Description</u>	<u>Values</u>
(A)	(B)	(C)
1	<b>Energy Charges Adjustment</b>	
2	Total kWh for All Customers	14,019,094,607
3	Total kWh for TCRR-N Pilot Program Customers	2,829,954
4	% Adjustment for Energy Charges	99.980%
5		
6	<b>Demand 1-CP Charges Adjustment</b>	
7	Zonal 1-CP for All Customers (Non-Pilot Participants) in 2020	2,723,542
8	Zonal 1-CP for TCRR-N Pilot Program Participants Returning to TCRR-N in 2021	0
9	Zonal 1-CP for All Customers (Non-Pilot Participants) in 2021	2,723,542
10	% Adjustment for 1-CP Demand Charges	100.000%
11		
12	<b>Demand 12-CP Charges Adjustment</b>	
13	Zonal 12-CP for All Customers (Non-Pilot Participants) in 2020	2,206,392
14	Zonal 12-CP for TCRR-N Pilot Program Participants Returning to TCRR-N in 2021	24
15	Zonal 12-CP for All Customers (Non-Pilot Participants) in 2021	2,206,416
16	% Adjustment for 1-CP Demand Charges	100.001%

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Summary of Energy and Demand Usage by Tariff Class**  
**Allocation Factors**

Data: Actual and Forecasted

Type of Filing: Original

Work Paper Reference No(s).: WPC-3a; WPC-2b

Workpaper C-2a  
 Page 1 of 1

Line (A)	Tariff Class (B)	Monthly Energy Average (C)	% of Total (D)	1 Coincident Peak (E)	% of Total (F)	12 Coincident Peak (G)	% of Total (H)
WPC-3a <sup>1</sup>							
1	<b>Tariff Class</b>						
2	Residential	448,697,604	40.65%	1,144,890	42.04%	957,299	43.39%
3	Secondary	276,029,387	25.01%	882,536	32.40%	648,467	29.39%
4	Primary <sup>2</sup>	222,706,741	20.18%	423,584	15.55%	372,036	16.86%
5	Primary Substation	69,426,018	6.29%	115,833	4.25%	100,455	4.55%
6	High Voltage	81,652,408	7.40%	156,699	5.75%	127,618	5.78%
7	Private Outdoor Lighting	2,003,055	0.18%	-	0.00%	207	0.01%
8	Street Lighting	3,308,754	0.30%	-	0.00%	334	0.02%
9	<b>Total</b>	<b>1,103,823,968</b>	<b>100.00%</b>	<b>2,723,542</b>	<b>100.00%</b>	<b>2,206,416</b>	<b>100.00%</b>

<sup>1</sup> kWh data from WPC-3a divided by 12 months to calculate Monthly Energy Average

<sup>2</sup>Primary 1 and 12 Coincident Peak values adjusted for TCRR-N Pilot Program participants (see WPC-2b)

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**Demand Usage Adjusted for TCRR-N Pilot Program**  
**Allocation Factors**

Data: Actual and Forecasted

Type of Filing: Original

Work Paper Reference No(s).: None

Workpaper C-2b  
Page 1 of 1

<u>Line</u> (A)	<u>Tariff Class</u> (B)	<u>1 Coincident Peak (kW)</u> (C)	<u>12 Coincident Peak (kW)</u> (D)
		Internal Documents	Internal Documents
1	All Primary Customers Coincident Peaks	423,584	372,060
2	- TCRR-N Pilot Participants from 2020	0	24
3	+ Pilot Participants returning to TCRR-N in 2021	0	<u>24</u>
4	Adjusted Primary Coincident Peaks	423,584	372,036
5			
6	All Primary Substation Customers Coincident Peaks	115,833	100,455
7	- Primary Substation TCRR-N Pilot Participants	0	0
8	Adjusted Primary Coincident Peaks	115,833	100,455
9			
10	All High Voltage Customers Coincident Peaks	156,699	127,618
11	- High Voltage TCRR-N Pilot Participants	0	0
12	Adjusted High Voltage Coincident Peaks	156,699	127,618

**AES Ohio**  
 Case No. 21-0224-EL-RDR  
**Projected Monthly Billing Determinants**  
 June 2021 - May 2022  
 kWh / kW / kVar

Data: Forecasted  
 Type of Filing: Original  
 Work Paper Reference No(s.): WPC-3b

Workpaper C-3a  
 Page 1 of 1

Line (A)	Tariff Class (B)	Units (C)	2021 Forecast							2022 Forecast					Total Forecast June '21 - May '22 (P)	
			Jun (D)	Jul (E)	Aug (F)	Sep (G)	Oct (H)	Nov (I)	Dec (J)	Jan (K)	Feb (L)	Mar (M)	Apr (N)	May (O)		
1	Residential	kWh	373,868,887	497,175,975	516,055,717	448,837,486	362,918,050	350,841,582	468,514,507	593,317,323	549,272,082	506,817,354	393,491,608	323,260,681	5,384,371,252	kWh
2	Secondary <sup>1</sup>	kWh	250,075,161	288,564,589	314,620,822	273,149,677	236,823,318	197,448,011	232,945,495	339,689,153	309,077,575	303,492,537	283,498,095	282,968,213	3,312,352,646	kWh
3		kW	612,275	685,616	720,490	677,938	574,037	522,349	587,784	923,191	883,551	894,876	838,468	800,278	8,720,853	kWh
4		Max kWh	90,540,395	79,755,428	72,714,829	90,157,767	82,153,726	101,940,983	80,361,857	20,190,626	18,131,985	21,878,027	23,110,329	22,953,562	703,889,512	kWh
5	Primary <sup>2</sup>	kWh	240,944,012	235,261,286	241,918,671	241,195,115	214,050,078	207,899,117	190,546,140	227,048,236	220,460,634	219,176,497	220,036,893	213,944,216	2,672,480,895	kWh
6		kW	491,148	475,353	475,846	496,960	429,119	455,157	398,347	471,239	453,060	468,639	462,414	441,660	5,518,942	kWh
7		Max kWh	7,220,408	6,143,743	5,617,906	6,624,464	5,400,698	7,935,743	16,909,761	2,536,280	2,112,203	2,230,422	2,129,725	1,626,177	66,487,531	kWh
8	Primary Substation <sup>3</sup>	kWh	76,553,711	65,278,532	71,600,091	76,479,535	65,970,014	74,515,475	67,599,942	69,778,883	64,743,429	64,279,443	70,323,922	65,989,244	833,112,219	kWh
9		kW	131,505	127,003	122,014	130,338	113,540	131,059	124,676	130,797	118,259	129,491	126,394	120,291	1,505,367	kWh
10	High Voltage <sup>4</sup>	kWh	86,645,579	86,107,560	91,925,784	94,724,887	78,335,847	77,893,116	71,048,244	82,107,134	77,253,718	75,836,039	81,632,418	76,318,570	979,828,896	kWh
11		kW	166,618	162,841	196,433	175,604	149,064	166,787	141,822	150,124	134,153	147,445	145,770	140,842	1,877,503	kWh
12	Private Outdoor Lighting <sup>5</sup>	kWh	2,077,942	1,977,735	1,930,135	2,038,792	1,758,325	2,055,052	1,985,063	2,153,634	1,959,621	2,104,830	2,049,375	1,946,154	24,036,660	kWh
13	Streetlighting	kWh	3,457,090	3,264,844	3,166,301	3,313,591	2,883,524	3,263,875	3,204,618	3,659,019	3,326,371	3,518,966	3,425,056	3,221,787	39,705,042	kWh
14																
15	Total kWh		1,033,622,383	1,177,630,521	1,241,217,522	1,139,739,083	962,739,156	913,916,229	1,035,844,009	1,317,753,382	1,226,093,430	1,175,225,665	1,054,457,367	967,648,865	13,245,887,610	kWh
16	Total kW		1,401,546	765,197	1,514,784	1,480,840	1,265,760	1,275,352	1,252,629	1,675,351	1,589,023	1,640,450	1,573,046	1,503,071	17,622,665	kWh
	Secondary Max kWh		90,540,395	79,755,428	72,714,829	90,157,767	82,153,726	101,940,983	80,361,857	20,190,626	18,131,985	21,878,027	23,110,329	22,953,562	703,889,512	kWh
	Primary Max kWh		7,220,408	6,143,743	5,617,906	6,624,464	5,400,698	7,935,743	16,909,761	2,536,280	2,112,203	2,230,422	2,129,725	1,626,177	66,487,531	kWh

<sup>1</sup> Secondary customers are charged for all kW of Billing Demand. Includes County Fair Provision

<sup>2</sup> Primary projected monthly billing determinants adjusted for all Primary TCRR-N Pilot Program participants. Includes County Fair Provision

<sup>3</sup> Primary Substation and High Voltage classes have no TCRR-N Pilot Program participants

<sup>5</sup> Private Outdoor Lighting \$/kWh rates are based on assumed usage

**AES Ohio**  
 Case No. 21-0224-EL-RDR  
**Projected Monthly Billing Determinants Adjusted for TCRR-N Pilot Program Participants**  
 June 2021 - May 2022  
 kWh / kW

Data: Forecasted & Historical  
 Type of Filing: Original  
 Work Paper Reference No(s.): None

Workpaper C-3b  
 Page 1 of 1

Line (A)	Tariff Class (B)	2021 Forecast						2022 Forecast					
		Jun (D)	Jul (E)	Aug (F)	Sep (G)	Oct (H)	Nov (I)	Dec (J)	Jan (K)	Feb (L)	Mar (M)	Apr (N)	May (O)
1	Projected kWh for all Primary customers	241,180,874	235,381,478	242,087,469	241,299,748	213,999,338	208,079,929	190,761,604	227,237,410	220,629,757	219,355,843	220,282,864	214,156,711
2	- TCRR-N Pilot Participants <sup>1</sup>	271,313	198,900	291,413	309,142	17,104	200,267	299,555	261,050	240,999	204,624	285,036	250,551
3	<b>Adjusted Primary kWh Billing Determinants</b>	<b>240,909,561</b>	<b>235,182,578</b>	<b>241,796,056</b>	<b>240,990,606</b>	<b>213,982,234</b>	<b>207,879,662</b>	<b>190,462,049</b>	<b>226,976,360</b>	<b>220,388,758</b>	<b>219,151,219</b>	<b>219,997,828</b>	<b>213,906,160</b>
4													
5	Projected kW for all Primary Customers	493,645	477,828	478,089	499,203	431,819	458,260	401,429	474,094	455,420	470,958	464,954	444,081
6	- TCRR-N Pilot Participants <sup>2</sup>	2,498	2,475	2,243	2,244	2,700	3,103	3,082	2,855	2,360	2,318	2,540	2,421
7	<b>Adjusted Primary kW Billing Determinants</b>	<b>491,148</b>	<b>475,353</b>	<b>475,846</b>	<b>496,960</b>	<b>429,119</b>	<b>455,157</b>	<b>398,347</b>	<b>471,239</b>	<b>453,060</b>	<b>468,639</b>	<b>462,414</b>	<b>441,660</b>
8													
9	Projected kWh for all Primary Substation customers	76,553,711	65,278,532	71,600,091	76,479,535	65,970,014	74,515,475	67,599,942	69,778,883	64,743,429	64,279,443	70,323,922	65,989,244
10	- TCRR-N Pilot Participants <sup>1</sup>	-	-	-	-	-	-	-	-	-	-	-	-
11	<b>Adjusted Primary Substation kWh Billing Determinants</b>	<b>76,553,711</b>	<b>65,278,532</b>	<b>71,600,091</b>	<b>76,479,535</b>	<b>65,970,014</b>	<b>74,515,475</b>	<b>67,599,942</b>	<b>69,778,883</b>	<b>64,743,429</b>	<b>64,279,443</b>	<b>70,323,922</b>	<b>65,989,244</b>
12													
13	Projected kW for all Primary Substation Customers	131,505	127,003	122,014	130,338	113,540	131,059	124,676	130,797	118,259	129,491	126,394	120,291
14	- TCRR-N Pilot Participants <sup>2</sup>	-	-	-	-	-	-	-	-	-	-	-	-
15	<b>Adjusted Primary Substation kW Billing Determinants</b>	<b>131,505</b>	<b>127,003</b>	<b>122,014</b>	<b>130,338</b>	<b>113,540</b>	<b>131,059</b>	<b>124,676</b>	<b>130,797</b>	<b>118,259</b>	<b>129,491</b>	<b>126,394</b>	<b>120,291</b>
16													
17	Projected kWh for all High Voltage customers	86,645,579	86,107,560	91,925,784	94,724,887	78,335,847	77,893,116	71,048,244	82,107,134	77,253,718	75,836,039	81,632,418	76,318,570
18	- TCRR-N Pilot Participants <sup>1</sup>	-	-	-	-	-	-	-	-	-	-	-	-
19	<b>Adjusted High Voltage kWh Billing Determinants</b>	<b>86,645,579</b>	<b>86,107,560</b>	<b>91,925,784</b>	<b>94,724,887</b>	<b>78,335,847</b>	<b>77,893,116</b>	<b>71,048,244</b>	<b>82,107,134</b>	<b>77,253,718</b>	<b>75,836,039</b>	<b>81,632,418</b>	<b>76,318,570</b>
20													
21	Projected kW for all High Voltage customers	166,618	162,841	196,433	175,604	149,064	166,787	141,822	150,124	134,153	147,445	145,770	140,842
22	- TCRR-N Pilot Participants <sup>2</sup>	-	-	-	-	-	-	-	-	-	-	-	-
23	<b>Adjusted High Voltage kW Billing Determinants</b>	<b>166,618</b>	<b>162,841</b>	<b>196,433</b>	<b>175,604</b>	<b>149,064</b>	<b>166,787</b>	<b>141,822</b>	<b>150,124</b>	<b>134,153</b>	<b>147,445</b>	<b>145,770</b>	<b>140,842</b>

<sup>1</sup> Historical TCRR-N Pilot Participants' kWh (February 2020 through January 2021) for Primary, Primary Substation, and High Voltage tariff classes, respectively.

<sup>2</sup> Historical TCRR-N Pilot Participants' kW (February 2020 through January 2021) for Primary, Primary Substation, and High Voltage tariff classes, respectively.

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**TCRR-N Rate - Calculation of Private Outdoor Lighting Charges**

Data: Forecasted

Type of Filing: Original

Work Paper Reference No(s).: None

WPC-4

Page 1 of 1

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<b>Line</b> (A)	<b>Description</b> (B)	<b>kWh /</b>		<b>Source</b> (E)
		<b>Fixture</b> (C)	<b>Jun '21 - May '22</b> (D)	
1	<b>Private Outdoor Lighting Rate (\$/kWh)</b>		\$0.0007708	Schedule C-3
2				
3	<b>Private Outdoor Lighting Charge (\$/Fixture/Month)</b>			
4	3,600 Lumens Light Emitting Diode	14	\$0.0107912	Line 1 * Col (C) Line 4
5	8,400 Lumens Light Emitting Diode	30	\$0.0231240	Line 1 * Col (C) Line 5
6	9,500 Lumens High Pressure Sodium	39	\$0.0300612	Line 1 * Col (C) Line 6
7	28,000 Lumens High Pressure Sodium	96	\$0.0739968	Line 1 * Col (C) Line 7
8	7,000 Lumens Mercury	75	\$0.0578100	Line 1 * Col (C) Line 8
9	21,000 Lumens Mercury	154	\$0.1187032	Line 1 * Col (C) Line 9
10	2,500 Lumens Incandescent	64	\$0.0493312	Line 1 * Col (C) Line 10
11	7,000 Lumens Fluorescent	66	\$0.0508728	Line 1 * Col (C) Line 11
12	4,000 Lumens PT Mercury	43	\$0.0331444	Line 1 * Col (C) Line 12

**AES Ohio**  
**Case No. 21-0224-EL-RDR**  
**TCRR-N Rate - Calculation of County Fair Charges**

Data: Forecasted

Type of Filing: Original

Work Paper Reference No(s).: None

WPC-5

Page 1 of 1

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<b>Line</b>	<b>Description</b>			<b>Source</b>
(A)	(B)	(C)	(D)	(E)
1	<b>Secondary Total Class Charges</b>		\$39,663,256.58	Schedule B-2
2	<b>Secondary Total Class kWh</b>		<u>3,312,352,646</u>	WPC-3a, Line 2
3	Secondary County Fair Rate		\$0.0119743	Line 1 / Line 2
4				
5				
6	<b>Primary Total Class Charges</b>		\$14,445,842.83	Schedule B-2
7	<b>Primary Total Class kWh</b>		<u>2,672,480,895</u>	WPC-3a, Line 5
8	Primary County Fair Rate		\$0.0054054	Line 6 / Line 7

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

**Commission of Ohio Docketing Information System on**

**3/16/2021 3:53:29 PM**

**in**

**Case No(s). 21-0224-EL-RDR**

Summary: Application of AES Ohio to update its Transmission Cost Recovery Rider - Non-Bypassable electronically filed by Mr. Robert J Adams on behalf of The Dayton Power and Light Company d/b/a AES Ohio