

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. 22-0152-EL-RDR
“AES Ohio” to Update its Transmission)
Cost Recovery Rider – Non-Bypassable)

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

The Dayton Power and Light Company d/b/a AES Ohio (“AES Ohio” or “the Company”) submits this application to update its Transmission Cost Recovery Rider – Non-Bypassable (“TCRR-N”) pursuant to R.C. 4928.05(A)(2) and Ohio Adm.Code 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. Ohio Adm.Code 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 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 the 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 October 20, 2017 Opinion and Order in Case No. 16-395-EL-SSO, *et al.*, AES Ohio continued the TCRR-N and implemented the TCRR-N Opt-Out Pilot Program (“the 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. The TCRR-N was continued by the Commission’s December 18, 2019 Second Finding and Order in Case No. 08-1094-EL-SSO, *et al.*, and enrollment in the Pilot Program was reopened pursuant to the June 16, 2021 Opinion and Order in Case No. 18-1875-EL-GRD, *et al.* 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 FERC approved the Settlement on April 15, 2021.

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, 2021, in Case No. 21-0224-EL-RDR. AES Ohio's Application was approved by Finding and Order dated May 19, 2021, for rates effective on June 1, 2021. 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 lower for the period June 2022 through May 2023 than it was in the prior period. The primary cause for this lower revenue requirement is the under-collection balance that was prominent in the Company's 2021 TCRR-N filing has been remedied. As a result, a typical residential customer using 1,000 kWh per month can expect a decrease of \$1.63 or (1.68)%.

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 Ohio Adm.Code 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 Ohio Adm.Code 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, 2022.

Respectfully submitted,

/s/ Christopher C. Hollon

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(willing to accept service by email)

AES Ohio
Case No. 22-0152-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-Eighth Revised Sheet No. D2
Cancels
Ninety-Seventh 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-Eighth Revised	Tariff Index	2	June 1, 2022

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	Third Revised	Meters and Metering Equipment- Location and Installation	3	January 21, 2022
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-Fifth Revised	Secondary	5	June 1, 2022
D20	Twenty-Third Revised	Primary	4	June 1, 2022

Filed pursuant to the Finding and Order in Case No. 22-0152-EL-RDR dated ____ of the Public Utilities Commission of Ohio.

Issued ____

Effective June 1, 2022

Issued by
KRISTINA LUND, President and Chief Executive Officer

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

Ninety-Eighth Revised Sheet No. D2
Cancels
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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>
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	Eighth Revised	Solar Generation Fund Rider	1	January 1, 2022
D28	Twenty-Second Revised	Universal Service Fund Rider	1	January 1, 2022
D29	Sixteenth Revised	Infrastructure Investment Rider	1	March 1, 2022
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-Sixth Revised	Economic Development Rider	1	December 1, 2021
D40	Ninth Revised	Legacy Generation Resource Rider	1	January 1, 2022
D41	Second Revised	Tax Savings Credit Rider	1	November 1, 2021

Filed pursuant to the Finding and Order in Case No. 22-0152-EL-RDR dated ____ of the Public Utilities Commission of Ohio.

Issued ____

Effective June 1, 2022

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KRISTINA LUND, President and Chief Executive Officer

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

Twenty-Fifth 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.

Filed pursuant to the Finding and Order in Case No. 22-0152-EL-RDR dated ____ of the Public Utilities Commission of Ohio.

Issued____

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KRISTINA LUND, President and Chief Executive Officer

THE DAYTON POWER AND LIGHT COMPANY
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Twenty-Fifth Revised Sheet No. D19
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ELECTRIC DISTRIBUTION SERVICE
SECONDARY

MAXIMUM CHARGE:

The billing under the Demand and Energy charge provisions shall not exceed \$0.0393148 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:

Filed pursuant to the Finding and Order in Case No. 22-0152-EL-RDR dated ____ of the Public Utilities Commission of Ohio.

Issued____

Effective June 1, 2022

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KRISTINA LUND, President and Chief Executive Officer

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Twenty-Fifth Revised Sheet No. D19
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SECONDARY

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.

Filed pursuant to the Finding and Order in Case No. 22-0152-EL-RDR dated ____ of the Public Utilities Commission of Ohio.

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Effective June 1, 2022

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THE DAYTON POWER AND LIGHT COMPANY
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Twenty-Fifth Revised Sheet No. D19
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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.

Filed pursuant to the Finding and Order in Case No. 22-0152-EL-RDR dated ____ of the Public Utilities Commission of Ohio.

Issued____

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MacGregor Park
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Twenty-Fifth Revised Sheet No. D19
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P.U.C.O. No. 17
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.

Filed pursuant to the Finding and Order in Case No. 22-0152-EL-RDR dated ____ of the Public Utilities Commission of Ohio.

Issued____

Effective June 1, 2022

Issued by
KRISTINA LUND, President and Chief Executive Officer

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

Twenty-Third 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.

Filed pursuant to the Finding and Order in Case No. 22-0152-EL-RDR dated ____ of the Public Utilities Commission of Ohio.

Issued ____

Effective June 1, 2022

Issued by

KRISTINA LUND, President and Chief Executive Officer

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

Twenty-Third Revised Sheet No. D20
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ELECTRIC DISTRIBUTION SERVICE
PRIMARY

MAXIMUM CHARGE:

The billing under the Demand and Energy charge provisions shall not exceed \$0.0317124 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 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.

Filed pursuant to the Finding and Order in Case No. 22-0152-EL-RDR dated ____ of the Public Utilities Commission of Ohio.

Issued ____

Effective June 1, 2022

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Twenty-Third Revised Sheet No. D20
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ELECTRIC DISTRIBUTION SERVICE
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:

Filed pursuant to the Finding and Order in Case No. 22-0152-EL-RDR dated ____ of the Public Utilities Commission of Ohio.

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Twenty-Third Revised Sheet No. D20
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ELECTRIC DISTRIBUTION SERVICE
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.

Filed pursuant to the Finding and Order in Case No. 22-0152-EL-RDR dated ____ of the Public Utilities Commission of Ohio.

Issued ____

Effective June 1, 2022

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KRISTINA LUND, President and Chief Executive Officer

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

Thirty-Sixth Revised Sheet No. T2
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P.U.C.O. No. 17
ELECTRIC TRANSMISSION SERVICE
TARIFF INDEX

<u>Sheet No.</u>	<u>Version</u>	<u>Description</u>	<u>Number of Pages</u>	<u>Tariff Sheet Effective Date</u>
T1	Fifth Revised	Table of Contents	1	November 1, 2017
T2	Thirty-Sixth Revised	Tariff Index	1	June 1, 2022

RULES AND REGULATIONS

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T6	Original	Use and Character of Service	1	January 1, 2001
T7	Second Revised	Definitions and Amendments	3	June 20, 2005

TARIFFS

T8	Twentieth Revised	Transmission Cost Recovery Rider – Non-Bypassable	5	June 1, 2022
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Filed pursuant to the Finding and Order in Case No. 22-0152-EL-RDR dated ____ of the Public Utilities Commission of Ohio.

Issued ____

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Twentieth 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)

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:

Filed pursuant to the Finding and Order in Case No. 22-0152-EL-RDR dated ____ of the Public Utilities Commission of Ohio.

Issued ____

Effective June 1, 2022

Issued by

KRISTINA LUND, President and Chief Executive Officer

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

Twentieth Revised Sheet No. T8
Cancels
Nineteenth Revised Sheet No. T8
Page 2 of 5

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

Residential:

Energy Charge \$0.0052932 per kWh

Residential Heating:

Energy Charge \$0.0052932 per kWh

Secondary:

Demand Charge \$1.9366734 per kW for all kW of Billing Demand

Energy Charge \$0.0004403 per kWh

County Fair and Agricultural Societies:

Energy Charge \$0.0056575 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 \$0.0113152 per kWh for all kWh in lieu of the above demand and energy charges.

Primary:

Demand Charge \$1.7605659 per kW for all kW of Billing Demand

Energy Charge \$0.0004403 per kWh

County Fair and Agricultural Societies:

Energy Charge \$0.0041934 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 \$0.0104837 per kWh in lieu of the above demand and energy charges.

Primary-Substation:

Filed pursuant to the Finding and Order in Case No. 22-0152-EL-RDR dated ____ of the Public Utilities Commission of Ohio.

Issued ____

Effective June 1, 2022

Issued by

KRISTINA LUND, President and Chief Executive Officer

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

Twentieth Revised Sheet No. T8
Cancels
Nineteenth Revised Sheet No. T8
Page 3 of 5

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

Demand Charge	\$1.7901736 per kW for all kW of Billing Demand
Energy Charge	\$0.0004403 per kWh

High Voltage:

Demand Charge	\$2.0139234 per kW for all kW of Billing Demand
Energy Charge	\$0.0004403 per kWh

Private Outdoor Lighting:

3,600 Lumens Light Emitting Diode (LED)	\$0.0059724/lamp/month
8,400 Lumens Light Emitting Diode (LED)	\$0.0127980/lamp/month
9,500 Lumens High Pressure Sodium	\$0.0166374/lamp/month
28,000 Lumens High Pressure Sodium	\$0.0409536/lamp/month
7,000 Lumens Mercury	\$0.0319950/lamp/month
21,000 Lumens Mercury	\$0.0656964/lamp/month
2,500 Lumens Incandescent	\$0.0273024/lamp/month
7,000 Lumens Fluorescent	\$0.0281556/lamp/month
4,000 Lumens PT Mercury	\$0.0183438/lamp/month

Street Lighting:

Energy Charge	\$0.0004250 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.

Filed pursuant to the Finding and Order in Case No. 22-0152-EL-RDR dated ____ of the Public Utilities Commission of Ohio.

Issued ____

Effective June 1, 2022

Issued by
KRISTINA LUND, President and Chief Executive Officer

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

Twentieth 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)

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 June 16, 2021 Opinion and Order issued by the Public Utilities Commission of Ohio in Case Nos. 18-1875-EL-GRD, et al, the Company is reopening enrollment for a pilot program that enables qualifying accounts to opt-out of the TCRR-N for the duration of the pilot program. The pilot program is described in paragraph 14.b. of the October 23, 2020 Stipulation and Recommendation that was filed in Case Nos. 18-1875-EL-GRD, et al. To receive additional information, qualified customers should contact transmissionoptout@aes.com.

Filed pursuant to the Finding and Order in Case No. 22-0152-EL-RDR dated ____ of the Public Utilities Commission of Ohio.

Issued ____

Effective June 1, 2022

Issued by
KRISTINA LUND, President and Chief Executive Officer

AES Ohio
Case No. 22-0152-EL-RDR
Transmission Cost Recovery Rider – Non-Bypassable

Schedule A-2

Copy of Red-lined Current Tariff Schedules

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

Ninety-EighthSeventh Revised Sheet
 Cancels
 Ninety-SeventhSixth Revised Sheet No.
 Page 1 of 2

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-EighthSeventh Revised <u>JuneMarch</u> 1, 2022		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	Third Revised	Meters and Metering Equipment- Location and Installation	3	January 21, 2022
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-FifthFourth Revised <u>June 1, 2024</u>	Secondary	5	

Filed pursuant to the Finding and Order in Case No. 22-01521-1110-EL-RDR dated February 23, 2022 of the Public Utilities Commission of Ohio.

Issued February 28, 2022

Effective JuneMarch 1, 2022

Issued by
 KRISTINA LUND, President and Chief Executive Officer

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

Ninety-EighthSeventh Revised Sheet

Cancels

Ninety-SeventhSixth Revised Sheet No.

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

D20 Twenty-ThirdSecond Revised
June 1, 20224

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	Eighth Revised	Solar Generation Fund Rider	1	January 1, 2022
D28	Twenty-Second Revised	Universal Service Fund Rider	1	January 1, 2022
D29	Sixteenth Revised	Infrastructure Investment Rider	1	March 1, 2022
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-Sixth Revised	Economic Development Rider	1	December 1, 2021
D40	Ninth Revised	Legacy Generation Resource Rider	1	January 1, 2022

Filed pursuant to the Finding and Order in Case No. 22-01521-1110-EL-RDR dated February 23, 2022 of the Public Utilities Commission of Ohio.

Issued February 28, 2022

Effective June~~March~~ 1, 2022

Issued by
KRISTINA LUND, President and Chief Executive Officer

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

Ninety-EighthSeventh Revised Sheet
Cancels
Ninety-SeventhSixth Revised Sheet No.
Page 3 of 2

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

D41 Second Revised

Tax Savings Credit Rider

1 November 1, 2021

Filed pursuant to the Finding and Order in Case No. 22-01521-1110-EL-RDR dated February 23, 2022 of the Public Utilities Commission of Ohio.

Issued February 28, 2022

Effective June~~March~~ 1, 2022

Issued by
KRISTINA LUND, President and Chief Executive Officer

THE DAYTON POWER AND LIGHT COMPANY
D19
MacGregor Park
1065 Woodman Drive
D19
Dayton, Ohio 45432

Twenty-FifthFourth Revised Sheet No.
Cancels
Twenty-FourthThird Revised Sheet No.
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
-------------------	-----------------------

Demand Charge:

\$3.6569905 per kW for all kW of Billing Demand

MINIMUM CHARGE:

The Minimum Charge shall be the Customer Charge.

Filed pursuant to the Finding and Order in Case No. 2-01524-0224-EL-RDR dated May 19, 2021 of the Public Utilities Commission of Ohio.

Issued May 25, 2021

Effective June 1, 20221

Issued by

KRISTINA LUND, President and Chief Executive Officer

THE DAYTON POWER AND LIGHT COMPANY
D19
MacGregor Park
1065 Woodman Drive
D19
Dayton, Ohio 45432

Twenty-FifthFourth Revised Sheet No.
Cancels
Twenty-FourthThird Revised Sheet No.
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P.U.C.O. No. 17
ELECTRIC DISTRIBUTION SERVICE
SECONDARY

MAXIMUM CHARGE:

The billing under the Demand and Energy charge provisions shall not exceed \$0.0393148435273 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.

Filed pursuant to the Finding and Order in Case No. 22-01524-0224-EL-RDR dated May 19, 2021 of the Public Utilities Commission of Ohio.

Issued May 25, 2021

Effective June 1, 20221

Issued by
KRISTINA LUND, President and Chief Executive Officer

THE DAYTON POWER AND LIGHT COMPANY
D19
MacGregor Park
1065 Woodman Drive
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Dayton, Ohio 45432

Twenty-FifthFourth Revised Sheet No.
Cancels
Twenty-FourthThird Revised Sheet No.
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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.

Filed pursuant to the Finding and Order in Case No. 22-01524-0224-EL-RDR dated May 19, 2021 of the Public Utilities Commission of Ohio.

Issued May 25, 2021

Effective June 1, 20221

Issued by
KRISTINA LUND, President and Chief Executive Officer

THE DAYTON POWER AND LIGHT COMPANY
D19
MacGregor Park
1065 Woodman Drive
D19
Dayton, Ohio 45432

Twenty-FifthFourth Revised Sheet No.
Cancels
Twenty-FourthThird Revised Sheet No.
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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

Filed pursuant to the Finding and Order in Case No. 22-01524-0224-EL-RDR dated May 19, 2021 of the Public Utilities Commission of Ohio.

Issued May 25, 2021

Effective June 1, 20221

Issued by
KRISTINA LUND, President and Chief Executive Officer

THE DAYTON POWER AND LIGHT COMPANY
D19
MacGregor Park
1065 Woodman Drive
D19
Dayton, Ohio 45432

Twenty-FifthFourth Revised Sheet No.
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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.

Filed pursuant to the Finding and Order in Case No. 22-01524-0224-EL-RDR dated May 19, 2024 of the Public Utilities Commission of Ohio.

Issued May 25, 2024

Effective June 1, 20224

Issued by
KRISTINA LUND, President and Chief Executive Officer

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

Twenty-Third~~Second~~ Revised Sheet
Cancels
Twenty-Second~~First~~ Revised Sheet No.
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:

The Minimum Charge shall be the Customer Charge.

Filed pursuant to the Finding and Order in Case No. 2-01524-0224-EL-RDR dated May 19, 2021 of the Public Utilities Commission of Ohio.

Issued May 25, 2021

Effective June 1, 20224

Issued by

KRISTINA LUND, President and Chief Executive Officer

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

Twenty-Third~~Second~~ Revised Sheet
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Twenty-Second~~First~~ Revised Sheet No.
Page 2 of 4

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

MAXIMUM CHARGE:

The billing under the Demand and Energy charge provisions shall not exceed \$0.0317124353772 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 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.

Filed pursuant to the Finding and Order in Case No. 2-01524-0224-EL-RDR dated May 19, 2021 of the Public Utilities Commission of Ohio.

Issued May 25, 2021

Effective June 1, 20224

Issued by
KRISTINA LUND, President and Chief Executive Officer

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

Twenty-Third~~Second~~ Revised Sheet
Cancels
Twenty-Second~~First~~ Revised Sheet No.
Page 3 of 4

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

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.

COUNTY FAIR AND AGRICULTURAL SOCIETIES:

Energy Charge: \$0.0052124/kWh

Filed pursuant to the Finding and Order in Case No. 22-01524-0224-EL-RDR dated May 19, 2021 of the Public Utilities Commission of Ohio.

Issued May 25, 2021

Effective June 1, 2022

Issued by
KRISTINA LUND, President and Chief Executive Officer

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

Twenty-Third~~Second~~ Revised Sheet
Cancels
Twenty-Second~~First~~ Revised Sheet No.
Page 4 of 4

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

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. 2-01524-0224-EL-RDR dated May 19, 2021 of the Public Utilities Commission of Ohio.

Issued May 25, 2021

Effective June 1, 20224

Issued by
KRISTINA LUND, President and Chief Executive Officer

THE DAYTON POWER AND LIGHT COMPANY
T2
MacGregor Park
1065 Woodman Drive
T2
Dayton, Ohio 45432

Thirty-SixthFifth Revised Sheet No.
Cancels
Thirty-FifthFourth Revised Sheet No.
Page 1 of 1

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

<u>Sheet No.</u>	<u>Version</u>	<u>Description</u>	<u>Number of Pages</u>	<u>Tariff Sheet Effective Date</u>
T1	Fifth Revised	Table of Contents	1	November 1, 2017
T2	Thirty-SixthFifth Revised Tariff Index		1	June 1, 20224

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	TwentiethNineteenth Revised	Transmission Cost Recovery Rider – Non-Bypassable	5	June 1, 20224
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Filed pursuant to the Finding and Order in Case No. 2-01521-0224-EL-RDR dated May 19, 2021 of the Public Utilities Commission of Ohio.

Issued May 19, 2021

Effective June 1, 20224

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Thirty-SixthFifth Revised Sheet No.
Cancels
Thirty-FifthFourth Revised Sheet No.
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. 201521-0224-EL-RDR dated May 19, 2021 of the Public Utilities Commission of Ohio.

Issued May 19, 2021

Effective June 1, 20224

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

Twentieth~~Nineteenth~~ Revised

Cancels
Nineteenth~~Eighteenth~~ 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. 2-01521-0224-EL-RDR dated May 19, 2021 of the Public Utilities Commission of Ohio.

Issued May 25, 2021

Effective June 1, 20224

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Twentieth~~Nineteenth~~ Revised

Cancels
Nineteenth~~Eighteenth~~ 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 \$0.005293269195 per kWh

Residential Heating:

Energy Charge \$0.005293269195 per kWh

Secondary:

Demand Charge \$1.93667342.8577596 per kW for all kW of Billing Demand

Energy Charge \$0.00044036746 per kWh

County Fair and Agricultural Societies:

Energy Charge \$0.005657581986 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 \$0.011315263974 per kWh for all kWh in lieu of the above demand and energy charges.

Primary:

Demand Charge \$1.76056592.2902323 per kW for all kW of Billing Demand

Energy Charge \$0.00044036746 per kWh

County Fair and Agricultural Societies:

Energy Charge \$0.004193454042 per kWh

Filed pursuant to the Finding and Order in Case No. 2-01521-0224-EL-RDR dated May 19, 2021 of the Public Utilities Commission of Ohio.

Issued May 25, 2021

Effective June 1, 20224

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Twentieth~~Nineteenth~~ Revised

Cancels
Nineteenth~~Eighteenth~~ 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 \$0.010483735103 per kWh in lieu of the above demand and energy charges.

Primary-Substation:

Demand Charge	\$ <u>1.79017362.2865784</u> per kW for all kW of Billing Demand
Energy Charge	\$0.000 <u>44036746</u> per kWh

High Voltage:

Demand Charge	\$ <u>2.01392344310049</u> per kW for all kW of Billing Demand
Energy Charge	\$0.000 <u>44036746</u> per kWh

Private Outdoor Lighting:

3,600 Lumens Light Emitting Diode (LED)	\$0.0 <u>059724107884</u> /lamp/month
8,400 Lumens Light Emitting Diode (LED)	\$0.0 <u>127980231180</u> /lamp/month
9,500 Lumens High Pressure Sodium	\$0.0 <u>166374300534</u> /lamp/month
28,000 Lumens High Pressure Sodium	\$0.0 <u>409536739776</u> /lamp/month
7,000 Lumens Mercury	\$0.0 <u>319950577950</u> /lamp/month
21,000 Lumens Mercury	\$0.0 <u>06569641186724</u> /lamp/month
2,500 Lumens Incandescent	\$0.0 <u>273024493184</u> /lamp/month
7,000 Lumens Fluorescent	\$0.0 <u>281556508596</u> /lamp/month
4,000 Lumens PT Mercury	\$0.0 <u>183438331358</u> /lamp/month

Street Lighting:

Energy Charge	\$0.000 <u>42507684</u> per kWh
---------------	---------------------------------

Filed pursuant to the Finding and Order in Case No. 201521-0224-EL-RDR dated May 19, 2021 of the Public Utilities Commission of Ohio.

Issued May 25, 2021

Effective June 1, 20224

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Twentieth~~Nineteenth~~ Revised

Cancels
Nineteenth~~Eighteenth~~ Revised

Page 4 of 5

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:

Filed pursuant to the Finding and Order in Case No. 201521-0224-EL-RDR dated May 19, 2021 of the Public Utilities Commission of Ohio.

Issued May 25, 2021

Effective June 1, 20224

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Twentieth~~Nineteenth~~ Revised

Cancels
Nineteenth~~Eighteenth~~ 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 June 16, 2021~~October 20, 2017~~ Opinion and Order issued by the Public Utilities Commission of Ohio in Case Nos. 18-1875-EL-GRD, et al~~16-395 EL SSO~~, the Company is reopening enrollment for implementing a pilot program ~~which that~~ 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 14VI.bC. of the March 13, 2017~~October 23, 2020~~ Amended Stipulation and Recommendation that was filed in Case Nos. 18-1875-EL-GRD, et al~~16-395 EL SSO~~. To receive additional information, qualified customers should contact transmissionoptout@aes.com.

Filed pursuant to the Finding and Order in Case No. 2-01521-0224-EL-RDR dated May 19, 2021 of the Public Utilities Commission of Ohio.

Issued May 25, 2021

Effective June 1, 20224

Issued by
KRISTINA LUND, President and Chief Executive Officer

AES Ohio
Case No. 22-0152-EL-RDR
Summary of Projected Jurisdictional Net Costs
June 2022 - May 2023
(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

<u>Line</u> (A)	<u>Description</u> (B)	<u>Demand/Energy</u> (C)	<u>Total Costs/Revenues¹</u>		
			<u>June 2022 - May 2023</u> (D)		
Schedule C-1, Col (U)					
TCRR-N Costs					
1	Transmission Enhancement Charges (RTEP)	Demand - 1 CP	\$ 10,303,629		
2	Incremental Capacity Transfer Rights Credits	Demand - 1 CP	\$ (168,460)		
3	Reactive Supply and Voltage Control from Gen Sources	Demand - 12 CP	\$ 2,376,823		
4	Black Start Service	Demand - 12 CP	\$ 229,887		
5	TO Scheduling System Control and Dispatch Service	Energy	\$ 1,077,747		
6	NERC/RFC Charges	Energy	\$ 552,366		
7	Firm PTP Transmission Service	Demand - 1 CP	\$ -		
8	Non-Firm PTP Transmission Service	Demand - 1 CP	\$ (65,236)		
9	Network Integration Transmission Service	Demand - 1 CP	\$ 52,746,129		
10	Expansion Cost Recovery Charges (ECRC)	Demand - 1 CP	\$ -		
11	PJM Scheduling System Control and Dispatch Service (Admin Fee)	Energy	\$ 4,676,931		
12	Load Response	Energy	\$ 15,746		
13	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	Energy	\$ 7,912		
14	Bilateral Charge	Energy	\$ -		
15	TCRR-N SubTotal		\$ 71,753,474		
16	Projected TCRR-N Reconciliation		\$ (4,490,715)		
17	Projected TCRR-N Deferral Carrying Costs		\$ (125,233)		
18	TCRR-N SubTotal with Deferral		\$ 67,137,526		
19	Gross Revenue Conversion Factor (WPB-1)		1.003		
20					
21	Total TCRR-N Recovery (Line 18 * Line 19)		\$ 67,312,538		

¹Total Costs/Revenues for all customers not participating in TCRR-N Opt Out Pilot Program as of 3/15/2022

AES Ohio
Case No. 22-0152-EL-RDR
Summary of Current versus Proposed Revenues
June 2022 - May 2023
(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 Determinants ¹ (C) WPC-3a, Col (P)	Current		Proposed		\$ Difference (H) = (G) - (E)	% Difference (I) = (H) / (E)
			Rate (D)	Revenue (E) = (C) * (D)	Rate (F)	Revenue (G) = (C) * (F)		
TCRR-N Rates								
1	Residential	5,505,729,722 kWh	\$ 0.0069195	\$ 38,096,897	\$ 0.0052932	\$ 29,142,929	\$ (8,953,968)	-24%
2								
3	Secondary	3,543,494,762 All kWh	\$ 0.0006746	\$ 2,390,442	\$ 0.0004403	\$ 1,560,201		
4		9,545,874 All kW	\$ 2.8577596	\$ 27,279,813	\$ 1.9366734	\$ 18,487,240		
5				\$ 29,670,254		\$ 20,047,441		
6								
7	Primary	2,577,720,486 kWh	\$ 0.0006746	\$ 1,738,930	\$ 0.0004403	\$ 1,134,970		
8		5,495,123 kW	\$ 2.2902323	\$ 12,585,109	\$ 1.7605659	\$ 9,674,527		
9		50,685,088 kVar	\$ -	\$ -	\$ -	\$ -		
10				\$ 14,324,039		\$ 10,809,497		
11								
12	Substation	834,370,955 kWh	\$ 0.0006746	\$ 562,867	\$ 0.0004403	\$ 367,374		
13		1,516,609 kW	\$ 2.2865784	\$ 3,467,845	\$ 1.7901736	\$ 2,714,993		
14		661,915 kVar	\$ -	\$ -	\$ -	\$ -		
15				\$ 4,030,712		\$ 3,082,367		
16								
17	High Voltage	963,296,112 kWh	\$ 0.0006746	\$ 649,840	\$ 0.0004403	\$ 424,139		
18		1,876,550 kW	\$ 2.4310049	\$ 4,561,903	\$ 2.0139234	\$ 3,779,229		
19		792,975 kVar	\$ -	\$ -	\$ -	\$ -		
20				\$ 5,211,743		\$ 4,203,368		
21								
22	Private Outdoor Lighting	23,908,368 kWh	\$ 0.0007706	\$ 18,424	\$ 0.0004266	\$ 10,199	\$ (8,224)	-45%
23								
24	Street Lighting	38,017,167 kWh	\$ 0.0007684	\$ 29,212	\$ 0.0004250	\$ 16,157	\$ (13,055)	-45%
25								
26	Total TCRR-N Rates			\$ 91,381,280		\$ 67,311,957	\$ (24,069,323)	-26%

¹ Forecasted Distribution Billing Determinants for all customers not participating in the TCRR-N Pilot Program as of 3/15/2022

AES Ohio
Case No. 22-0152-EL-RDR
Summary of Current and Proposed Rates
June 2022 - May 2023

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	\$ 0.0069195 kWh		\$ 0.0052932 kWh		\$ (0.0016263)	-23.5%
2	Secondary	\$ 0.0006746 0-1500 kWh		\$ 0.0004403 kWh		\$ (0.0002343)	-34.7%
3		\$ 0.0003877 >1500 kWh		\$ 0.0004403 kWh		\$ 0.0000526	13.6%
4		\$ 2.8577596 kW		\$ 1.9366734 kW		\$ (0.9210862)	-32.2%
5	Primary	\$ 0.0006746 kWh		\$ 0.0004403 kWh		\$ (0.0002343)	-34.7%
6		\$ 2.2902323 kW		\$ 1.7605659 kW		\$ (0.5296664)	-23.1%
7		\$ - kVar		\$ - kVar		\$ -	N/A
8	Substation	\$ 0.0006746 kWh		\$ 0.0004403 kWh		\$ (0.0002343)	-34.7%
9		\$ 2.2865784 kW		\$ 1.7901736 kW		\$ (0.4964048)	-21.7%
10		\$ - kVar		\$ - kVar		\$ -	N/A
11	High Voltage	\$ 0.0006746 kWh		\$ 0.0004403 kWh		\$ (0.0002343)	-34.7%
12		\$ 2.4310049 kW		\$ 2.0139234 kW		\$ (0.4170815)	-17.2%
13		\$ - kVar		\$ - kVar		\$ -	N/A
14	Private Outdoor Lighting	\$ 0.0007706 kWh		\$ 0.0004266 kWh		\$ (0.0003440)	-44.6%
15	Streetlighting	\$ 0.0007684 kWh		\$ 0.0004250 kWh		\$ (0.0003434)	-44.7%

AES Ohio
Case No. 22-0152-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) (A)	Level of (kWh) (B)	Total Current Bill (D)	Total Proposed Bill (E)	TCRR-N Dollar Variance (F = E - D)	Total Percent Change (G = F / D)
1	0.0	50	\$12.03	\$11.95	(\$0.08)	-0.67%
2	0.0	100	\$16.52	\$16.36	(\$0.16)	-0.97%
3	0.0	200	\$25.50	\$25.17	(\$0.33)	-1.29%
4	0.0	400	\$43.50	\$42.85	(\$0.65)	-1.49%
5	0.0	500	\$52.49	\$51.68	(\$0.81)	-1.54%
6	0.0	750	\$74.97	\$73.75	(\$1.22)	-1.63%
7	0.0	1,000	\$97.15	\$95.52	(\$1.63)	-1.68%
8	0.0	1,200	\$114.91	\$112.96	(\$1.95)	-1.70%
9	0.0	1,400	\$132.66	\$130.38	(\$2.28)	-1.72%
10	0.0	1,500	\$141.53	\$139.09	(\$2.44)	-1.72%
11	0.0	2,000	\$185.90	\$182.65	(\$3.25)	-1.75%
12	0.0	2,500	\$230.07	\$226.00	(\$4.07)	-1.77%
13	0.0	3,000	\$274.20	\$269.32	(\$4.88)	-1.78%
14	0.0	4,000	\$362.48	\$355.97	(\$6.51)	-1.80%
15	0.0	5,000	\$450.80	\$442.67	(\$8.13)	-1.80%
16	0.0	7,500	\$671.52	\$659.32	(\$12.20)	-1.82%

AES Ohio
Case No. 22-0152-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	\$17.16	\$19.09	\$1.93	11.25%
2	0.0	100	\$20.28	\$22.20	\$1.92	9.47%
3	0.0	150	\$23.38	\$25.28	\$1.90	8.13%
4	0.0	200	\$26.45	\$28.34	\$1.89	7.15%
5	0.0	300	\$32.67	\$34.54	\$1.87	5.72%
6	0.0	400	\$38.86	\$40.71	\$1.85	4.76%
7	0.0	500	\$45.09	\$46.91	\$1.82	4.04%
8	0.0	600	\$51.25	\$54.98	\$3.73	7.28%
9	0.0	800	\$63.67	\$67.35	\$3.68	5.78%
10	0.0	1,000	\$76.05	\$79.69	\$3.64	4.79%
11	0.0	1,200	\$88.46	\$93.99	\$5.53	6.25%
12	0.0	1,400	\$100.84	\$106.32	\$5.48	5.43%
13	0.0	1,600	\$112.89	\$120.30	\$7.41	6.56%
14	0.0	2,000	\$136.15	\$143.58	\$7.43	5.46%
15	0.0	2,200	\$147.68	\$157.05	\$9.37	6.34%
16	0.0	2,400	\$159.24	\$168.62	\$9.38	5.89%

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

AES Ohio
Case No. 22-0152-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	\$90.10	\$99.60	\$9.50	10.55%
2	5	1,500	\$142.05	\$151.38	\$9.33	6.57%
3	10	1,500	\$163.56	\$177.88	\$14.32	8.76%
4	25	5,000	\$490.33	\$519.81	\$29.48	6.01%
5	25	7,500	\$634.62	\$664.24	\$29.62	4.67%
6	25	10,000	\$778.88	\$808.63	\$29.75	3.82%
7	50	15,000	\$1,250.00	\$1,304.97	\$54.97	4.40%
8	50	25,000	\$1,821.52	\$1,877.02	\$55.50	3.05%
9	200	50,000	\$4,345.67	\$4,552.22	\$206.55	4.75%
10	200	100,000	\$7,203.28	\$7,412.46	\$209.18	2.90%
11	300	125,000	\$9,362.31	\$9,672.64	\$310.33	3.31%
12	500	200,000	\$15,075.43	\$15,589.37	\$513.94	3.41%
13	1,000	300,000	\$24,396.77	\$25,415.12	\$1,018.35	4.17%
14	1,000	500,000	\$35,737.25	\$36,766.12	\$1,028.87	2.88%
15	2,500	750,000	\$60,866.14	\$63,405.62	\$2,539.48	4.17%
16	2,500	1,000,000	\$74,841.28	\$77,393.91	\$2,552.63	3.41%

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

AES Ohio
Case No. 22-0152-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	\$74.60	\$84.16	\$9.56	12.82%
2	5	1,500	\$151.03	\$160.36	\$9.33	6.18%
3	10	1,500	\$172.54	\$186.86	\$14.32	8.30%
4	25	5,000	\$499.31	\$528.79	\$29.48	5.90%
5	25	7,500	\$643.60	\$673.22	\$29.62	4.60%
6	25	10,000	\$787.86	\$817.61	\$29.75	3.78%
7	50	25,000	\$1,830.51	\$1,886.01	\$55.50	3.03%
8	200	50,000	\$4,354.65	\$4,561.20	\$206.55	4.74%
9	200	125,000	\$8,641.07	\$8,851.57	\$210.50	2.44%
10	500	200,000	\$15,084.41	\$15,598.35	\$513.94	3.41%
11	1,000	300,000	\$24,405.76	\$25,424.11	\$1,018.35	4.17%
12	1,000	500,000	\$35,746.24	\$36,775.11	\$1,028.87	2.88%
13	2,500	750,000	\$60,875.12	\$63,414.60	\$2,539.48	4.17%
14	2,500	1,000,000	\$74,850.26	\$77,402.89	\$2,552.63	3.41%
15	5,000	1,500,000	\$120,856.79	\$125,931.49	\$5,074.70	4.20%
16	5,000	2,000,000	\$148,607.84	\$153,708.84	\$5,101.00	3.43%

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

AES Ohio
Case No. 22-0152-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)	(F = E - D)	(G = F / D)
1	5	1,000	\$325.00	\$322.12	(\$2.88)	-0.89%
2	5	2,500	\$409.28	\$406.04	(\$3.24)	-0.79%
3	10	5,000	\$577.10	\$570.63	(\$6.47)	-1.12%
4	25	7,500	\$801.48	\$786.48	(\$15.00)	-1.87%
5	25	10,000	\$941.10	\$925.52	(\$15.58)	-1.66%
6	50	20,000	\$1,638.05	\$1,606.88	(\$31.17)	-1.90%
7	50	30,000	\$2,191.01	\$2,157.50	(\$33.51)	-1.53%
8	200	50,000	\$4,144.00	\$4,026.35	(\$117.65)	-2.84%
9	200	75,000	\$5,526.38	\$5,402.88	(\$123.50)	-2.23%
10	200	100,000	\$6,908.77	\$6,779.41	(\$129.36)	-1.87%
11	500	250,000	\$16,897.22	\$16,573.81	(\$323.41)	-1.91%
12	1,000	500,000	\$33,544.52	\$32,897.70	(\$646.82)	-1.93%
13	2,500	1,000,000	\$69,462.30	\$67,903.83	(\$1,558.47)	-2.24%
14	5,000	2,500,000	\$164,722.66	\$161,488.58	(\$3,234.08)	-1.96%
15	10,000	5,000,000	\$328,195.68	\$321,727.52	(\$6,468.16)	-1.97%
16	25,000	7,500,000	\$548,137.84	\$533,138.93	(\$14,998.91)	-2.74%
17	25,000	10,000,000	\$683,376.34	\$667,791.68	(\$15,584.66)	-2.28%
18	50,000	15,000,000	\$1,095,025.96	\$1,065,028.14	(\$29,997.82)	-2.74%

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

AES Ohio
Case No. 22-0152-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	\$67,121.90	\$65,398.39	(\$1,723.51)	-2.57%
2	5,000	2,000,000	\$128,718.96	\$125,768.34	(\$2,950.62)	-2.29%
3	5,000	3,000,000	\$182,205.36	\$179,020.44	(\$3,184.92)	-1.75%
4	10,000	4,000,000	\$255,968.44	\$250,067.19	(\$5,901.25)	-2.31%
5	10,000	5,000,000	\$309,454.84	\$303,319.29	(\$6,135.55)	-1.98%
6	15,000	6,000,000	\$383,217.95	\$374,366.08	(\$8,851.87)	-2.31%
7	15,000	7,000,000	\$436,704.35	\$427,618.18	(\$9,086.17)	-2.08%
8	15,000	8,000,000	\$490,190.75	\$480,870.28	(\$9,320.47)	-1.90%
9	25,000	9,000,000	\$584,230.56	\$569,711.74	(\$14,518.82)	-2.49%
10	25,000	10,000,000	\$637,716.96	\$622,963.84	(\$14,753.12)	-2.31%
11	30,000	12,500,000	\$791,709.65	\$773,888.76	(\$17,820.89)	-2.25%
12	30,000	15,000,000	\$925,425.65	\$907,019.01	(\$18,406.64)	-1.99%
13	50,000	17,500,000	\$1,140,248.41	\$1,111,327.92	(\$28,920.49)	-2.54%
14	50,000	20,000,000	\$1,273,964.41	\$1,244,458.17	(\$29,506.24)	-2.32%
15	50,000	25,000,000	\$1,541,396.41	\$1,510,718.67	(\$30,677.74)	-1.99%

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

AES Ohio
Case No. 22-0152-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	Total Percent Change
(A)	(B)	(C)	(D)	(E)	(F = E - D)	(G = F / D)
1	1,000	500,000	\$31,918.24	\$31,384.01	(\$534.23)	-1.67%
2	2,000	1,000,000	\$62,510.29	\$61,441.83	(\$1,068.46)	-1.71%
3	3,000	1,500,000	\$92,702.63	\$91,099.94	(\$1,602.69)	-1.73%
4	3,500	2,000,000	\$121,162.09	\$119,233.70	(\$1,928.39)	-1.59%
5	5,000	2,500,000	\$153,087.32	\$150,416.16	(\$2,671.16)	-1.74%
6	7,500	3,000,000	\$188,478.37	\$184,647.36	(\$3,831.01)	-2.03%
7	7,500	4,000,000	\$241,931.47	\$237,866.16	(\$4,065.31)	-1.68%
8	10,000	5,000,000	\$304,049.05	\$298,706.73	(\$5,342.32)	-1.76%
9	10,000	6,000,000	\$357,502.15	\$351,925.53	(\$5,576.62)	-1.56%
10	12,500	7,000,000	\$419,619.74	\$412,766.12	(\$6,853.62)	-1.63%
11	12,500	8,000,000	\$473,072.84	\$465,984.92	(\$7,087.92)	-1.50%
12	15,000	9,000,000	\$535,190.42	\$526,825.50	(\$8,364.92)	-1.56%
13	20,000	10,000,000	\$605,972.50	\$595,287.87	(\$10,684.63)	-1.76%
14	40,000	20,000,000	\$1,209,819.40	\$1,188,450.14	(\$21,369.26)	-1.77%
15	60,000	30,000,000	\$1,813,666.29	\$1,781,612.40	(\$32,053.89)	-1.77%

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

AES Ohio
Case No. 22-0152-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	\$14.45	\$14.42	(\$0.03)	-0.21%
3	21000 -					
4	Mercury	154	\$19.02	\$18.97	(\$0.05)	-0.26%
5	2500 -					
6	Incandescent	64	\$13.91	\$13.89	(\$0.02)	-0.14%
7	7000 -					
8	Fluorescent	66	\$14.12	\$14.10	(\$0.02)	-0.14%
9	4000 -					
10	Mercury	43	\$13.06	\$13.05	(\$0.01)	-0.08%
11	9500 - High					
12	Pressure Sodium	39	\$12.36	\$12.35	(\$0.01)	-0.08%
13	28000 - High					
14	Pressure Sodium	96	\$15.66	\$15.63	(\$0.03)	-0.19%
15	3600					
16	LED	14	\$10.91	\$10.91	\$0.00	0.00%
17	8400					
18	LED	30	\$11.83	\$11.82	(\$0.01)	-0.08%

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

AES Ohio
Case No. 22-0152-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)	(F = E - D)	(G = F / D)
1	0.0	50	\$12.20	\$12.18	(\$0.02)	-0.16%
2	0.0	100	\$15.86	\$15.83	(\$0.03)	-0.19%
3	0.0	200	\$23.15	\$23.08	(\$0.07)	-0.30%
4	0.0	400	\$37.79	\$37.65	(\$0.14)	-0.37%
5	0.0	500	\$45.11	\$44.94	(\$0.17)	-0.38%
6	0.0	750	\$63.39	\$63.13	(\$0.26)	-0.41%
7	0.0	1,000	\$81.65	\$81.31	(\$0.34)	-0.42%
8	0.0	1,200	\$96.28	\$95.87	(\$0.41)	-0.43%
9	0.0	1,400	\$110.88	\$110.40	(\$0.48)	-0.43%
10	0.0	1,600	\$125.53	\$124.98	(\$0.55)	-0.44%
11	0.0	2,000	\$154.77	\$154.08	(\$0.69)	-0.45%
12	0.0	2,500	\$191.12	\$190.26	(\$0.86)	-0.45%
13	0.0	3,000	\$227.42	\$226.39	(\$1.03)	-0.45%
14	0.0	4,000	\$300.06	\$298.69	(\$1.37)	-0.46%
15	0.0	5,000	\$372.71	\$370.99	(\$1.72)	-0.46%

AES Ohio
 Case No. 22-0152-EL-RDR
Projected Monthly Jurisdictional Net Costs
 June 2022 - May 2023
 (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)	2022 Forecast								Total Forecast Jun - Dec 2022 (K) = Sum (D) thru (J)
			Jun (D)	Jul (E)	Aug (F)	Sep (G)	Oct (H)	Nov (I)	Dec (J)		
			WPC-1a, Col (E), Lines 2 thru 15	WPC-1a, Col (E), Lines 21 thru 34	WPC-1a, Col (E), Lines 40 thru 53	WPC-1a, Col (E), Lines 59 thru 72	WPC-1a, Col (E), Lines 78thru 91	WPC-1a, Col (E), Lines 97 thru 110	WPC-1a, Col (E), Lines 116 thru 129		
TCRR-N Costs & Revenues											
1	Transmission Enhancement Charges (RTEP)	Demand - 1 CP	\$ 859,123	\$ 860,597	\$ 859,257	\$ 849,638	\$ 848,904	\$ 848,401	\$ 774,368	\$ 5,900,289	
2	Incremental Capacity Transfer Rights Credits	Demand - 1 CP	\$ (10,354)	\$ (10,728)	\$ (10,711)	\$ (10,239)	\$ (10,547)	\$ (10,189)	\$ (9,868)	\$ (72,636)	
3	Reactive Supply and Voltage Control from Gen Sources	Demand - 12 CP	\$ 202,006	\$ 202,711	\$ 199,848	\$ 200,981	\$ 201,199	\$ 202,584	\$ 192,575	\$ 1,401,905	
4	Black Start Service	Demand - 12 CP	\$ 15,686	\$ 19,486	\$ 58,823	\$ (24,003)	\$ 17,544	\$ 17,671	\$ 16,807	\$ 122,014	
5	TO Scheduling System Control and Dispatch Service	Energy	\$ 97,084	\$ 104,869	\$ 109,305	\$ 87,419	\$ 82,728	\$ 86,087	\$ 87,547	\$ 655,040	
6	NERC/RFC Charges	Energy	\$ 51,912	\$ 56,095	\$ 17,348	\$ 87,896	\$ 44,248	\$ 46,035	\$ 46,795	\$ 350,330	
7	Firm PTP Transmission Service	Demand - 1 CP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
8	Non-Firm PTP Transmission Service	Demand - 1 CP	\$ (5,126)	\$ (4,688)	\$ (5,937)	\$ (5,766)	\$ (5,046)	\$ (4,135)	\$ (7,022)	\$ (37,721)	
9	Network Integration Transmission Service	Demand - 1 CP	\$ 4,309,324	\$ 4,452,968	\$ 4,452,968	\$ 4,309,324	\$ 4,452,968	\$ 4,309,324	\$ 4,452,968	\$ 30,739,847	
10	Expansion Cost Recovery Charges (ECRC)	Demand - 1 CP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
11	PJM Scheduling System Control and Dispatch Service (Admin Fee)	Energy	\$ 459,993	\$ 521,077	\$ 542,613	\$ 436,291	\$ 376,914	\$ 391,302	\$ 397,469	\$ 3,125,657	
12	Load Response	Energy	\$ 152	\$ 1,358	\$ 1,283	\$ 6,181	\$ 3,079	\$ 1,296	\$ 2,397	\$ 15,746	
13	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	Energy	\$ 761	\$ 823	\$ 858	\$ 686	\$ 649	\$ 675	\$ 656	\$ 5,107	
14	Bilateral Charges	Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	TCRR-N SubTotal		\$ 5,980,560	\$ 6,204,570	\$ 6,225,654	\$ 5,938,409	\$ 6,012,641	\$ 5,889,051	\$ 5,954,692	\$ 42,205,578	
16	TCRR-N Deferral carrying costs		\$ (16,974)	\$ (15,829)	\$ (15,861)	\$ (16,190)	\$ (14,356)	\$ (10,127)	\$ (6,523)	\$ (95,861)	
17											
18	Total TCRR-N Demand - 1 CP costs		\$ 5,152,967	\$ 5,298,150	\$ 5,295,577	\$ 5,142,958	\$ 5,286,279	\$ 5,143,401	\$ 5,210,446	\$ 36,529,779	
19	Total TCRR-N Demand - 12 CP costs		\$ 217,691	\$ 222,197	\$ 258,671	\$ 176,978	\$ 218,744	\$ 220,255	\$ 209,382	\$ 1,523,919	
20	Total TCRR-N Energy costs		\$ 609,902	\$ 684,222	\$ 671,406	\$ 618,472	\$ 507,618	\$ 525,395	\$ 534,864	\$ 4,151,880	
21											
22	Total TCRR-N including carrying costs		\$ 5,963,587	\$ 6,188,740	\$ 6,209,793	\$ 5,922,219	\$ 5,998,285	\$ 5,878,924	\$ 5,948,169	\$ 42,109,717	

AES Ohio
Case No. 22-0152-EL-RDR
Projected Monthly Jurisdictional Net Costs
June 2022 - May 2023
(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)	2023 Forecast					Total Forecast Jan - May 2023 (T) = sum (O) thru (S)	Total Forecast Jun 2022 - May 2023 (U) = (K) + (T)	
			Jan (O)	Feb (P)	Mar (Q)	Apr (R)	May (S)			
			WPC-1a, Col (E), Lines 135 thru 148	WPC-1a, Col (E), Lines 154 thru 167	WPC-1a, Col (E), Lines 173 thru 186	WPC-1a, Col (E), Lines 192 thru 205	WPC-1a, Col (E), Lines 210 thru 223			
TCRR-N Costs & Revenues										
1	Transmission Enhancement Charges (RTEP)	Demand - 1 CP	\$ 952,118	\$ 1,004,106	\$ 819,917	\$ 762,172	\$ 865,027	\$ 4,403,340	\$ 10,303,629	
2	Incremental Capacity Transfer Rights Credits	Demand - 1 CP	\$ (9,734)	\$ (9,212)	\$ (25,404)	\$ (24,583)	\$ (26,891)	\$ (95,824)	\$ (168,460)	
3	Reactive Supply and Voltage Control from Gen Sources	Demand - 12 CP	\$ 183,180	\$ 184,427	\$ 199,933	\$ 200,218	\$ 207,161	\$ 974,918	\$ 2,376,823	
4	Black Start Service	Demand - 12 CP	\$ 16,025	\$ 33,109	\$ 27,344	\$ 15,487	\$ 15,908	\$ 107,873	\$ 229,887	
5	TO Scheduling System Control and Dispatch Service	Energy	\$ 85,206	\$ 77,357	\$ 78,585	\$ 98,593	\$ 82,966	\$ 422,707	\$ 1,077,747	
6	NERC/RFC Charges	Energy	\$ 71,028	\$ (36)	\$ 45,521	\$ 41,171	\$ 44,353	\$ 202,036	\$ 552,366	
7	Firm PTP Transmission Service	Demand - 1 CP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
8	Non-Firm PTP Transmission Service	Demand - 1 CP	\$ (10,741)	\$ (9,334)	\$ (4,622)	\$ 435	\$ (3,254)	\$ (27,516)	\$ (65,236)	
9	Network Integration Transmission Service	Demand - 1 CP	\$ 4,395,511	\$ 4,395,511	\$ 4,452,968	\$ 4,309,324	\$ 4,452,968	\$ 22,006,283	\$ 52,746,129	
10	Expansion Cost Recovery Charges (ECRC)	Demand - 1 CP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
11	PJM Scheduling System Control and Dispatch Service (Admin Fee)	Energy	\$ 395,440	\$ (42,415)	\$ 437,221	\$ 366,502	\$ 394,525	\$ 1,551,273	\$ 4,676,931	
12	Load Response	Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,746	
13	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	Energy	\$ 884	\$ (1)	\$ 668	\$ 604	\$ 650	\$ 2,805	\$ 7,912	
14	Bilateral Charges	Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	TCRR-N SubTotal		\$ 6,078,917	\$ 5,633,512	\$ 6,032,131	\$ 5,769,923	\$ 6,033,413	\$ 29,547,896	\$ 71,753,474	
15	TCRR-N Deferral carrying costs		\$ (5,810)	\$ (7,310)	\$ (7,707)	\$ (6,074)	\$ (2,472)	\$ (29,373)	\$ (125,233)	
16										
17										
18	Total TCRR-N Demand - 1 CP costs		\$ 5,327,154	\$ 5,381,071	\$ 5,242,859	\$ 5,047,348	\$ 5,287,850	\$ 26,286,283	\$ 62,816,062	
19	Total TCRR-N Demand - 12 CP costs		\$ 199,205	\$ 217,536	\$ 227,277	\$ 215,704	\$ 223,069	\$ 1,082,791	\$ 2,606,710	
20	Total TCRR-N Energy costs		\$ 552,558	\$ 34,906	\$ 561,994	\$ 506,871	\$ 522,494	\$ 2,178,822	\$ 6,330,702	
21										
22	Total TCRR-N including carrying costs		\$ 6,073,107	\$ 5,626,202	\$ 6,024,424	\$ 5,763,849	\$ 6,030,941	\$ 29,518,524	\$ 71,628,241	

AES Ohio
Case No. 22-0152-EL-RDR
Projected Monthly Costs by Tariff Class
June 2022 - May 2023

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)	2022 Forecast									Source (K)
			Jun (D)	Jul (E)	Aug (F)	Sep (G)	Oct (H)	Nov (I)	Dec (J)			
			\$ 5,152,967	\$ 5,298,150	\$ 5,295,577	\$ 5,142,958	\$ 5,286,279	\$ 5,143,401	\$ 5,210,446			
1	TCRR-N Demand-Based Costs - 1 CP											Schedule C-1, Page 1, Line 18
2	<u>Tariff Class</u>											
3	Residential	43.45%	\$ 2,238,839	\$ 2,301,917	\$ 2,300,799	\$ 2,234,490	\$ 2,296,759	\$ 2,234,682	\$ 2,263,812	Col (C) * Line 1		
4	Secondary	30.13%	\$ 1,552,693	\$ 1,596,440	\$ 1,595,664	\$ 1,549,677	\$ 1,592,863	\$ 1,549,811	\$ 1,570,013	Col (C) * Line 1		
5	Primary	15.82%	\$ 814,947	\$ 837,908	\$ 837,501	\$ 813,364	\$ 836,031	\$ 813,434	\$ 824,038	Col (C) * Line 1		
6	Primary Substation	4.44%	\$ 228,876	\$ 235,325	\$ 235,210	\$ 228,432	\$ 234,798	\$ 228,451	\$ 231,429	Col (C) * Line 1		
7	High Voltage	6.16%	\$ 317,612	\$ 326,560	\$ 326,402	\$ 316,995	\$ 325,829	\$ 317,022	\$ 321,155	Col (C) * Line 1		
8	Private Outdoor Lighting	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	- Col (C) * Line 1		
9	Street Lighting	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	- Col (C) * Line 1		
10	Total TCRR-N Demand Costs	100.00%	\$ 5,152,967	\$ 5,298,150	\$ 5,295,577	\$ 5,142,958	\$ 5,286,279	\$ 5,143,401	\$ 5,210,446	Sum (Line 3 thru 10)		
11												
12	TCRR-N Demand-Based Costs - 12 CP		\$ 217,691	\$ 222,197	\$ 258,671	\$ 176,978	\$ 218,744	\$ 220,255	\$ 209,382	Schedule C-1, Page 1, Line 19		
13	<u>Tariff Class</u>											
14	Residential	40.13%	\$ 87,369	\$ 89,177	\$ 103,815	\$ 71,029	\$ 87,791	\$ 88,397	\$ 84,034	Col (C) * Line 13		
15	Secondary	30.50%	\$ 66,392	\$ 67,766	\$ 78,890	\$ 53,975	\$ 66,713	\$ 67,174	\$ 63,858	Col (C) * Line 13		
16	Primary	17.79%	\$ 38,736	\$ 39,538	\$ 46,028	\$ 31,491	\$ 38,923	\$ 39,192	\$ 37,257	Col (C) * Line 13		
17	Primary Substation	5.13%	\$ 11,160	\$ 11,391	\$ 13,261	\$ 9,073	\$ 11,214	\$ 11,292	\$ 10,734	Col (C) * Line 13		
18	High Voltage	6.39%	\$ 13,911	\$ 14,199	\$ 16,530	\$ 11,310	\$ 13,978	\$ 14,075	\$ 13,380	Col (C) * Line 13		
19	Private Outdoor Lighting	0.02%	\$ 44	\$ 45	\$ 53	\$ 36	\$ 44	\$ 45	\$ 43	Col (C) * Line 13		
20	Street Lighting	0.04%	\$ 79	\$ 81	\$ 94	\$ 64	\$ 79	\$ 80	\$ 76	Col (C) * Line 13		
21	Total TCRR-N Demand Costs	100.00%	\$ 217,691	\$ 222,197	\$ 258,671	\$ 176,978	\$ 218,744	\$ 220,255	\$ 209,382	Sum (Line 15 thru 22)		
22												
23	TCRR-N Energy-Based Costs		\$ 609,902	\$ 684,222	\$ 671,406	\$ 618,472	\$ 507,618	\$ 525,395	\$ 534,864	Schedule C-1, Page 1, Line 20		
24	<u>Tariff Class</u>											
25	Residential	40.82%	\$ 248,986	\$ 279,326	\$ 274,094	\$ 252,484	\$ 207,230	\$ 214,487	\$ 218,352	Col (C) * Line 25		
26	Secondary	26.27%	\$ 160,247	\$ 179,775	\$ 176,407	\$ 162,499	\$ 133,373	\$ 138,044	\$ 140,532	Col (C) * Line 25		
27	Primary	19.11%	\$ 116,572	\$ 130,777	\$ 128,328	\$ 118,210	\$ 97,023	\$ 100,420	\$ 102,230	Col (C) * Line 25		
28	Primary Substation	6.19%	\$ 37,733	\$ 42,331	\$ 41,538	\$ 38,263	\$ 31,405	\$ 32,505	\$ 33,090	Col (C) * Line 25		
29	High Voltage	7.14%	\$ 43,563	\$ 48,872	\$ 47,956	\$ 44,175	\$ 36,257	\$ 37,527	\$ 38,203	Col (C) * Line 25		
30	Private Outdoor Lighting	0.18%	\$ 1,081	\$ 1,213	\$ 1,190	\$ 1,096	\$ 900	\$ 931	\$ 948	Col (C) * Line 25		
31	Street Lighting	0.28%	\$ 1,719	\$ 1,929	\$ 1,893	\$ 1,743	\$ 1,431	\$ 1,481	\$ 1,508	Col (C) * Line 25		
32	Total TCRR-N Energy Costs	100.00%	\$ 609,902	\$ 684,222	\$ 671,406	\$ 618,472	\$ 507,618	\$ 525,395	\$ 534,864	Sum (Line 27 thru 34)		

AES Ohio
Case No. 22-0152-EL-RDR
Projected Monthly Costs by Tariff Class
June 2022 - May 2023

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)	2023 Forecast					Source (T)	Total Forecast (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	TCRR-N Demand-Based Costs - 1 CP		\$ 5,327,154	\$ 5,381,071	\$ 5,242,859	\$ 5,047,348	\$ 5,287,850	Schedule C-1, Page 2, Line 18		
2	<u>Tariff Class</u>									
3	Residential	43.45%	\$ 2,314,519	\$ 2,337,944	\$ 2,277,895	\$ 2,192,950	\$ 2,297,442	Col (N) * Line 1	\$	27,292,047
4	Secondary	30.13%	\$ 1,605,179	\$ 1,621,425	\$ 1,579,780	\$ 1,520,868	\$ 1,593,336	Col (N) * Line 1	\$	18,927,750
5	Primary	15.82%	\$ 842,495	\$ 851,022	\$ 829,164	\$ 798,244	\$ 836,279	Col (N) * Line 1	\$	9,934,427
6	Primary Substation	4.44%	\$ 236,613	\$ 239,008	\$ 232,869	\$ 224,185	\$ 234,867	Col (N) * Line 1	\$	2,790,064
7	High Voltage	6.16%	\$ 328,348	\$ 331,671	\$ 323,153	\$ 311,102	\$ 325,926	Col (N) * Line 1	\$	3,871,774
8	Private Outdoor Lighting	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -	Col (N) * Line 1	\$	-
9	Street Lighting	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -	Col (N) * Line 1	\$	-
10	Total TCRR-N Demand Costs	100.00%	\$ 5,327,154	\$ 5,381,071	\$ 5,242,859	\$ 5,047,348	\$ 5,287,850	Sum (Line 3 thru 9)	\$	62,816,062
11										
12	TCRR-N Demand-Based Costs - 12 CP		\$ 199,205	\$ 217,536	\$ 227,277	\$ 215,704	\$ 223,069	Schedule C-1, Page 2, Line 19		
13	<u>Tariff Class</u>									
14	Residential	40.13%	\$ 79,949	\$ 87,306	\$ 91,216	\$ 86,571	\$ 89,527	Col (N) * Line 12	\$	1,046,181
15	Secondary	30.50%	\$ 60,754	\$ 66,345	\$ 69,316	\$ 65,786	\$ 68,032	Col (N) * Line 12	\$	795,002
16	Primary	17.79%	\$ 35,446	\$ 38,708	\$ 40,441	\$ 38,382	\$ 39,693	Col (N) * Line 12	\$	463,835
17	Primary Substation	5.13%	\$ 10,213	\$ 11,152	\$ 11,652	\$ 11,059	\$ 11,436	Col (N) * Line 12	\$	133,639
18	High Voltage	6.39%	\$ 12,730	\$ 13,901	\$ 14,524	\$ 13,784	\$ 14,255	Col (N) * Line 12	\$	166,577
19	Private Outdoor Lighting	0.02%	\$ 41	\$ 44	\$ 46	\$ 44	\$ 45	Col (N) * Line 12	\$	530
20	Street Lighting	0.04%	\$ 72	\$ 79	\$ 82	\$ 78	\$ 81	Col (N) * Line 12	\$	945
21	Total TCRR-N Demand Costs	100.00%	\$ 199,205	\$ 217,536	\$ 227,277	\$ 215,704	\$ 223,069	Sum (Line 14 thru 20)	\$	2,606,710
22										
23	TCRR-N Energy-Based Costs		\$ 552,558	\$ 34,906	\$ 561,994	\$ 506,871	\$ 522,494	Schedule C-1, Page 2, Line 20		
24	<u>Tariff Class</u>									
25	Residential	40.82%	\$ 225,576	\$ 14,250	\$ 229,428	\$ 206,924	\$ 213,302	Col (N) * Line 23	\$	2,584,439
26	Secondary	26.27%	\$ 145,181	\$ 9,171	\$ 147,660	\$ 133,177	\$ 137,282	Col (N) * Line 23	\$	1,663,348
27	Primary	19.11%	\$ 105,612	\$ 6,672	\$ 107,416	\$ 96,880	\$ 99,866	Col (N) * Line 23	\$	1,210,005
28	Primary Substation	6.19%	\$ 34,185	\$ 2,159	\$ 34,769	\$ 31,359	\$ 32,325	Col (N) * Line 23	\$	391,661
29	High Voltage	7.14%	\$ 39,467	\$ 2,493	\$ 40,141	\$ 36,204	\$ 37,320	Col (N) * Line 23	\$	452,180
30	Private Outdoor Lighting	0.18%	\$ 980	\$ 62	\$ 996	\$ 899	\$ 926	Col (N) * Line 23	\$	11,223
31	Street Lighting	0.28%	\$ 1,558	\$ 98	\$ 1,584	\$ 1,429	\$ 1,473	Col (N) * Line 23	\$	17,846
32	Total TCRR-N Energy Costs	100.00%	\$ 552,558	\$ 34,906	\$ 561,994	\$ 506,871	\$ 522,494	Sum (Line 25 thru 31)	\$	6,330,702

AES Ohio
Case No. 22-0152-EL-RDR
Summary of Proposed Rates
June 2022 - May 2023

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)	\$ 0.0051605	\$ 2.0714882	\$ 1.8972037	\$ 1.9328148	\$ 2.1576181	\$ 0.0000222	\$ 0.0000249	Schedule C-3a, Line 18
3	Energy (kWh)	\$ 0.0004706	\$ 0.0004706	\$ 0.0004706	\$ 0.0004706	\$ 0.0004706	\$ 0.0004706	\$ 0.0004706	Schedule C-3a, Line 34
4									
5	TCRR-N Reconciliation Rates								
6	Demand (kWh, kW)	\$ (0.0003076)	\$ (0.1348148)	\$ (0.1366378)	\$ (0.1426412)	\$ (0.1436947)	\$ (0.0000359)	\$ (0.0000402)	Schedule C-3b, Line 23
7	Energy (kWh)	\$ (0.0000303)	\$ (0.0000303)	\$ (0.0000303)	\$ (0.0000303)	\$ (0.0000303)	\$ (0.0000303)	\$ (0.0000303)	Schedule C-3b, Line 24
8									
9	Total TCRR-N Rates	\$/kW	\$ 1.9366734	\$ 1.7605659	\$ 1.7901736	\$ 2.0139234			Line 2 + Line 6
10		\$/kWh	\$ 0.0052932	\$ 0.0004403	\$ 0.0004403	\$ 0.0004403	\$ 0.0004403	\$ 0.0004266	Line 3 + Line 7
11									
12	TCRR-N Max Rates	\$/kW	NA	\$ 0.0113152	\$ 0.0104837	NA	NA	NA	Schedule C-3b, Line 8

AES Ohio
Case No. 22-0152-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

Line (A)	Description (B)	"Current" Cycle Base Costs						Primary Substation (G)	High Voltage (H)	Private Outdoor Lighting (I)	Street Lighting (J)	Source (K)				
		Residential (D)	Secondary (E)	Primary (F)												
Schedule B-1, Col (D)																
TCRR-N Base Costs																
1	Demand-Based Allocators - 1 CP			43.45%	30.13%	15.82%	4.44%	6.16%	0.00%	0.00%		WPC-2a, Col (F)				
2	Demand-Based Allocators - 12 CP			40.13%	30.50%	17.79%	5.13%	6.39%	0.02%	0.04%		WPC-2a, Col (H)				
3																
4	Demand-Based Components															
5	Transmission Enhancement Charges (RTEP)	\$ 10,303,629	\$ 4,476,676	\$ 3,104,692	\$ 1,629,530	\$ 457,650	\$ 635,082	\$ -	\$ -	\$ -		Col (C) * Line 1				
6	Incremental Capacity Transfer Rights Credit	\$ (168,460)	\$ (73,192)	\$ (50,760)	\$ (26,642)	\$ (7,482)	\$ (10,383)	\$ -	\$ -	\$ -		Col (C) * Line 1				
7	Reactive Supply and Voltage Control from Gen Sources	\$ 2,376,823	\$ 953,918	\$ 724,891	\$ 422,929	\$ 121,853	\$ 151,887	\$ 483	\$ 862			Col (C) * Line 2				
8	Black Start Service	\$ 229,887	\$ 92,263	\$ 70,112	\$ 40,906	\$ 11,786	\$ 14,691	\$ 47	\$ 83			Col (C) * Line 2				
9	Firm PTP Transmission Service Credits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			Col (C) * Line 1				
10	Non-Firm PTP Transmission Service Credits	\$ (65,236)	\$ (28,344)	\$ (19,657)	\$ (10,317)	\$ (2,898)	\$ (4,021)	\$ -	\$ -			Col (C) * Line 1				
11	Network Integration Transmission Service	\$ 52,746,129	\$ 22,916,907	\$ 15,893,475	\$ 8,341,856	\$ 2,342,793	\$ 3,251,097	\$ -	\$ -			Col (C) * Line 1				
12	Expansion Cost Recovery Charges (ECRC)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				Col (C) * Line 1				
13	Subtotal	\$ 65,422,772	\$ 28,338,228	\$ 19,722,752	\$ 10,398,262	\$ 2,923,703	\$ 4,038,352	\$ 530	\$ 945			Sum (Line 5 thru 12)				
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	\$ 65,593,314	\$ 28,412,100	\$ 19,774,165	\$ 10,425,368	\$ 2,931,324	\$ 4,048,879	\$ 531	\$ 947			Line 13 * Line 14				
16																
17	Projected Billing Determinants (kWh, kW)			5,505,729,722	9,545,874	5,495,123	1,516,609	1,876,550	23,908,368	38,017,167			WPC-3a, Column (P)			
18	Demand Portion of TCRR-N Rate			\$ 0.0051605	\$ 2.0714882	\$ 1.8972037	\$ 1.9328148	\$ 2.1576181	\$ 0.0000222	\$ 0.0000249			Line 14 / Line 16			
19																
20	Energy-Based Allocators			40.82%	26.27%	19.11%	6.19%	7.14%	0.18%	0.28%		WPC-2a, Col (D)				
21																
22	Energy-Based Components															
23	TO Scheduling System Control and Dispatch Service	\$ 1,077,747	\$ 439,978	\$ 283,171	\$ 205,993	\$ 66,677	\$ 76,980	\$ 1,911	\$ 3,038			Col (C) * Line 20				
24	NERC/RFC Charges	\$ 552,366	\$ 225,497	\$ 145,130	\$ 105,575	\$ 34,173	\$ 39,454	\$ 979	\$ 1,557			Col (C) * Line 20				
25	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 4,676,931	\$ 1,909,305	\$ 1,228,831	\$ 893,915	\$ 289,347	\$ 334,057	\$ 8,291	\$ 13,184			Col (C) * Line 20				
26	Bilateral Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				Col (C) * Line 20				
27	Load Response Charge Allocation	\$ 15,746	\$ 6,428	\$ 4,137	\$ 3,010	\$ 974	\$ 1,125	\$ 28	\$ 44			Col (C) * Line 20				
28	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	\$ 7,912	\$ 3,230	\$ 2,079	\$ 1,512	\$ 489	\$ 565	\$ 14	\$ 22			Col (C) * Line 20				
29	Subtotal	\$ 6,330,702	\$ 2,584,439	\$ 1,663,348	\$ 1,210,005	\$ 391,661	\$ 452,180	\$ 11,223	\$ 17,846			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	\$ 6,347,205	\$ 2,591,176	\$ 1,667,684	\$ 1,213,159	\$ 392,682	\$ 453,359	\$ 11,252	\$ 17,892			Line 29 * Line 30				
32																
33	Projected Billing Determinants (kWh)			5,505,729,722	3,543,494,762	2,577,720,486	834,370,955	963,296,112	23,908,368	38,017,167			WPC-3a, Column (P)			
34	Energy Portion of TCRR-N Rate			\$ 0.0004706	\$ 0.0004706	\$ 0.0004706	\$ 0.0004706	\$ 0.0004706	\$ 0.0004706	\$ 0.0004706			Line 31 / Line 33			
35																
36																
37	Total Base TCRR-N Component Cost	\$ 71,940,519										Line 15 + Line 31				

AES Ohio
Case No. 22-0152-EL-RDR
Development of Proposed Reconciliation Rate - TCRR-N
June 2022 - May 2023

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)
		Under Recovery (C)	Demand/ Energy Ratios (D)	Residential (E)	Secondary (F)	Primary (G)	Primary Substation (H)	High Voltage (I)	Private Outdoor Lighting (J)	Street Lighting (K)	
1	Demand-Based Allocators - 12 CP			40.13%	30.50%	17.79%	5.13%	6.39%	0.02%	0.04%	WPC-2a, Col (H)
2	Energy-Based Allocators			40.82%	26.27%	19.11%	6.19%	7.14%	0.18%	0.28%	WPC-2a, Col (D)
3											
4	TCRR-N Under Recovery	\$ (4,490,715)									WPC-1b, Col (C) Line 18
5	<u>TCRR-N Under Recovery of Carrying Costs Total</u>	\$ (125,233)									WPC-1b, Col (H) Line 31
6	TCRR-N Under Recovery	\$ (4,615,948)									Line 4 + Line 5
7	<u>Gross Revenue Conversion Factor</u>	1.003									WPB-1, Line 4
8	Total TCRR-N Under Recovery	\$ (4,627,981)									Line 6 * Line 7
9											
10	Base TCRR-N Component Costs										
11	Total Demand-Based Component Cost	\$ 65,593,314	91.18%								Schedule C-3a, Col (C) Line 15
12	<u>Total Energy-Based Components Cost</u>	\$ 6,347,205	8.82%								Schedule C-3a, Col (C) Line 31
13	Total Base TCRR-N Component Cost	\$ 71,940,519	100.00%								Line 11 + Line 12
14											
15	TCRR-N Under Recovery - Demand (Line 8 * Col (D), Line 11)	\$ (4,219,661)		\$ (1,693,525)	\$ (1,286,925)	\$ (750,842)	\$ (216,331)	\$ (269,650)	\$ (858)	\$ (1,530)	Col (C) * Line 1
16	TCRR-N Under Recovery - Energy (Line 8 * Col (D), Line 12)	\$ (408,320)		\$ (166,692)	\$ (107,283)	\$ (78,043)	\$ (25,262)	\$ (29,165)	\$ (724)	\$ (1,151)	Col (C) * Line 2
17	TCRR-N Under Recovery Total	\$ (4,627,981)		\$ (1,860,217)	\$ (1,394,209)	\$ (828,885)	\$ (241,592)	\$ (298,815)	\$ (1,582)	\$ (2,681)	Line 15 + Line 16
18											
19	Projected Billing Determinants (kWh, kW)			5,505,729,722	9,545,874	5,495,123	1,516,609	1,876,550	23,908,368	38,017,167	WPC-3a, Column (P)
20	Projected Billing Determinants (kWh)			5,505,729,722	3,543,494,762	2,577,720,486	834,370,955	963,296,112	23,908,368	38,017,167	WPC-3a, Column (P)
21											
22	TCRR-N Reconciliation Rates										
23	Demand Portion of TCRR-N Rate (kWh, kW)	\$ (0.0003076)		\$ (0.1348148)	\$ (0.1366378)	\$ (0.1426412)	\$ (0.1436947)	\$ (0.0000359)	\$ (0.0000402)		Line 15 / Line 19
24	Energy Portion of TCRR-N Rate (kWh)	\$ (0.0000303)		\$ (0.0000303)	\$ (0.0000303)	\$ (0.0000303)	\$ (0.0000303)	\$ (0.0000303)	\$ (0.0000303)		Line 16 / Line 20

AES Ohio
Case No. 22-0152-EL-RDR
Development of Proposed Maximum Charge Rate - TCRR-N
June 2022 - May 2023

Data: Forecasted

Type of Filing: Original

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

Schedule C-3c
Page 1 of 1

Line (A)	Description (B)	Secondary (C)	Primary (D)	Source (E)
1	Total Non-Max. Charge Revenue (Demand & Energy)	\$ 20,047,640	\$ 10,809,642	Schedule C-3a Line 15 + Line 31 + Schedule C-3b Line 17
2	Total Non-Max. Charge Billing Determinants (kWh)	3,543,494,762	2,577,720,486	WPC-3a Column P
3				
4	Average Non-Max. Charge \$/kWh	\$ 0.0056576	\$ 0.0041935	Line 1 / Line 2
5				
6	Max. Charge Rate Factor ¹	2	2.5	
7				
8	Max. Charge Rate:	\$ 0.0113152	\$ 0.0104837	Line 4 x Line 6

¹The Max. Charge Rate Factor was established during AES Ohio's most recent Electric Security Plan

AES Ohio
Case No. 22-0152-EL-RDR
Actual Charges and Revenues
February 2021 - February 2022
(Revenue)/Expense in \$

Data: Actual

Type of Filing: Original

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

Schedule D-1

Page 1 of 13

February 2021 - Actual

<u>Line</u> (A)	<u>Description</u> (B)	Total			Total Net Costs (F) = (C)+(D)+(E)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)	<u>Retail Revenues</u> (E)	
Transmission Cost Recovery Rider - Non-Bypassable (TCRR-N)					
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)				\$ 62,668
22					
23	Total TCRR-N including carrying costs		\$ 8,739,415	\$ (28,959)	\$ 5,190,524

AES Ohio
Case No. 22-0152-EL-RDR
Actual Charges and Revenues
February 2021 - February 2022
(Revenue)/Expense in \$

Data: Actual

Type of Filing: Original

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

Schedule D-1

Page 2 of 13

March 2021 - Actual

<u>Line</u> (A)	<u>Description</u> (B)	Total			Total Net Costs (F) = (C)+(D)+(E)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)	<u>Retail Revenues</u> (E)	
Transmission Cost Recovery Rider - Non-Bypassable (TCRR-N)					
1	Transmission Enhancement Charges (RTEP)	\$ 819,917	\$ -	\$ -	\$ 819,917
2	Incremental Capacity Transfer	\$ -	\$ (25,404)	\$ -	\$ (25,404)
3	Operating Reserve	\$ (173,773)	\$ -	\$ -	\$ (173,773)
4	TCRR Revenue Rider	\$ -	\$ -	\$ (3,521,762)	\$ (3,521,762)
5	Reactive Supply and Voltage Control from Gen Sources	\$ 199,933	\$ -	\$ -	\$ 199,933
6	Black Start Service	\$ 27,344	\$ -	\$ -	\$ 27,344
7	TO Scheduling System Control and Dispatch Service	\$ 79,204	\$ -	\$ -	\$ 79,204
8	NERC/RFC Charges	\$ 45,879	\$ -	\$ -	\$ 45,879
9	Firm PTP Transmission Service	\$ -	\$ -	\$ -	\$ -
10	Non-Firm PTP Transmission Service	\$ -	\$ (4,622)	\$ -	\$ (4,622)
11	Network Integration Transmission Service	\$ 4,570,273	\$ -	\$ -	\$ 4,570,273
12	Expansion Cost Recovery Charges (ECRC)	\$ -	\$ -	\$ -	\$ -
13	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 440,668	\$ -	\$ -	\$ 440,668
14	PJM Interface Phase Angle Regulators	\$ -	\$ -	\$ -	\$ -
15	Load Response	\$ 721	\$ -	\$ -	\$ 721
16	CAPS Funding	\$ 673	\$ -	\$ -	\$ 673
17	Bilateral Charge	\$ -	\$ -	\$ -	\$ -
18	Generation Deactivation	\$ -	\$ -	\$ -	\$ -
19	PJM Default Charges	\$ 1,001.29	\$ -	\$ -	\$ 1,001
20		SubTotal	\$ 6,011,841	\$ (30,026)	\$ (3,521,762)
21	TCRR-N Deferral carrying costs (WPC-1b)				\$ 2,460,053
22					\$ 78,094
23	Total TCRR-N including carrying costs		\$ 6,011,841	\$ (30,026)	\$ (3,521,762)
					\$ 2,538,147

AES Ohio
Case No. 22-0152-EL-RDR
Actual Charges and Revenues
February 2021 - February 2022
(Revenue)/Expense in \$

Data: Actual

Type of Filing: Original

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April 2021 - Actual

<u>Line</u> (A)	<u>Description</u> (B)	Total			Total Net Costs (F) = (C)+(D)+(E)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)	<u>Retail Revenues</u> (E)	
Transmission Cost Recovery Rider - Non-Bypassable (TCRR-N)					
1	Transmission Enhancement Charges (RTEP)	\$ 762,172	\$ -	\$ 762,172	
2	Incremental Capacity Transfer	\$ -	\$ (24,583)	\$ (24,583)	
3	Operating Reserve	\$ (3)	\$ -	\$ (3)	
4	TCRR Revenue Rider	\$ -	\$ -	\$ (3,050,784)	\$ (3,050,784)
5	Reactive Supply and Voltage Control from Gen Sources	\$ 200,218	\$ -	\$ 200,218	
6	Black Start Service	\$ 15,487	\$ -	\$ 15,487	
7	TO Scheduling System Control and Dispatch Service	\$ 99,371	\$ -	\$ 99,371	
8	NERC/RFC Charges	\$ 41,496	\$ -	\$ 41,496	
9	Firm PTP Transmission Service	\$ -	\$ -	\$ -	
10	Non-Firm PTP Transmission Service	\$ -	\$ 435	\$ 435	
11	Network Integration Transmission Service	\$ 426,358	\$ -	\$ 426,358	
12	Expansion Cost Recovery Charges (ECRC)	\$ -	\$ -	\$ -	
13	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 369,392	\$ -	\$ 369,392	
14	PJM Interface Phase Angle Regulators	\$ -	\$ -	\$ -	
15	Load Response	\$ 2,748	\$ -	\$ 2,748	
16	CAPS Funding	\$ 608	\$ -	\$ 608	
17	Bilateral Charge	\$ -	\$ -	\$ -	
18	Generation Deactivation	\$ -	\$ -	\$ -	
19	PJM Default Charges	\$ 107	\$ -	\$ 107	
20		SubTotal	\$ 1,917,954	\$ (24,148)	\$ (1,156,978)
21	TCRR-N Deferral carrying costs (WPC-1b)				\$ 81,013
22					
23	Total TCRR-N including carrying costs		\$ 1,917,954	\$ (24,148)	\$ (1,075,966)

AES Ohio
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(Revenue)/Expense in \$

Data: Actual

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May 2021 - Actual

<u>Line</u> (A)	<u>Description</u> (B)	Total			Total Net Costs (F) = (C)+(D)+(E)
		PJM Bill Charges (C)	PJM Bill Revenues (D)	Retail Revenues (E)	
Transmission Cost Recovery Rider - Non-Bypassable (TCRR-N)					
1	Transmission Enhancement Charges (RTEP)	\$ 865,027	\$ -		\$ 865,027
2	Incremental Capacity Transfer	\$ -	\$ (26,891)		\$ (26,891)
3	Operating Reserve	\$ (23)	\$ -		\$ (23)
4	TCRR Revenue Rider	\$ -	\$ -	\$ (2,844,632)	\$ (2,844,632)
5	Reactive Supply and Voltage Control from Gen Sources	\$ 207,161	\$ -		\$ 207,161
6	Black Start Service	\$ 15,908	\$ -		\$ 15,908
7	TO Scheduling System Control and Dispatch Service	\$ 83,620	\$ -		\$ 83,620
8	NERC/RFC Charges	\$ 44,702	\$ -		\$ 44,702
9	Firm PTP Transmission Service	\$ -	\$ -		\$ -
10	Non-Firm PTP Transmission Service	\$ -	\$ (3,254)		\$ (3,254)
11	Network Integration Transmission Service	\$ 4,379,825	\$ -		\$ 4,379,825
12	Expansion Cost Recovery Charges (ECRC)	\$ -	\$ -		\$ -
13	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 397,636	\$ -		\$ 397,636
14	PJM Interface Phase Angle Regulators	\$ -	\$ -		\$ -
15	Load Response	\$ 283	\$ -		\$ 283
16	CAPS Funding	\$ 655	\$ -		\$ 655
17	Bilateral Charge	\$ -	\$ -		\$ -
18	Generation Deactivation	\$ -	\$ -		\$ -
19	PJM Default Charges	\$ (1,407)	\$ -		\$ (1,407)
20		SubTotal	\$ 5,993,386	\$ (30,145)	\$ (2,844,632)
21	TCRR-N Deferral carrying costs (WPC-1b)				\$ 3,118,609
22					\$ 85,260
23	Total TCRR-N including carrying costs		\$ 5,993,386	\$ (30,145)	\$ 3,203,869

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Data: Actual

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June 2021 - Actual

<u>Line</u> (A)	<u>Description</u> (B)	Total			Total Net Costs (F) = (C)+(D)+(E)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)	<u>Retail Revenues</u> (E)	
Transmission Cost Recovery Rider - Non-Bypassable (TCRR-N)					
1	Transmission Enhancement Charges (RTEP)	\$ 859,123	\$ -		\$ 859,123
2	Incremental Capacity Transfer	\$ -	\$ (10,354)		\$ (10,354)
3	Operating Reserve	\$ 2	\$ -		\$ 2
4	TCRR Revenue Rider	\$ -	\$ -	\$ (7,852,408)	\$ (7,852,408)
5	Reactive Supply and Voltage Control from Gen Sources	\$ 202,006	\$ -		\$ 202,006
6	Black Start Service	\$ 15,686	\$ -		\$ 15,686
7	TO Scheduling System Control and Dispatch Service	\$ 97,849	\$ -		\$ 97,849
8	NERC/RFC Charges	\$ 52,321	\$ -		\$ 52,321
9	Firm PTP Transmission Service	\$ -	\$ -		\$ -
10	Non-Firm PTP Transmission Service	\$ -	\$ (5,126)		\$ (5,126)
11	Network Integration Transmission Service	\$ 4,265,032	\$ -		\$ 4,265,032
12	Expansion Cost Recovery Charges (ECRC)	\$ -	\$ -		\$ -
13	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 463,619	\$ -		\$ 463,619
14	PJM Interface Phase Angle Regulators	\$ -	\$ -		\$ -
15	Load Response	\$ 153	\$ -		\$ 153
16	CAPS Funding	\$ 767	\$ -		\$ 767
17	Bilateral Charge	\$ -	\$ -		\$ -
18	Generation Deactivation	\$ -	\$ -		\$ -
19	PJM Default Charges	\$ 341	\$ -		\$ 341
20		SubTotal	\$ 5,956,899	\$ (15,480)	\$ (1,910,988)
21	TCRR-N Deferral carrying costs (WPC-1b)				\$ 88,016
22					
23	Total TCRR-N including carrying costs		\$ 5,956,899	\$ (15,480)	\$ (1,822,972)

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July 2021 - Actual

<u>Line</u> (A)	<u>Description</u> (B)	Total			Total <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)	
Transmission Cost Recovery Rider - Non-Bypassable (TCRR-N)					
1	Transmission Enhancement Charges (RTEP)	\$ 860,597	\$ -	\$	860,597
2	Incremental Capacity Transfer	\$ -	\$ (10,728)	\$	(10,728)
3	Operating Reserve	\$ 5,629	\$ -	\$	5,629
4	TCRR Revenue Rider	\$ -	\$ -	\$ (8,843,834)	(8,843,834)
5	Reactive Supply and Voltage Control from Gen Sources	\$ 202,711	\$ -	\$	202,711
6	Black Start Service	\$ 19,486	\$ -	\$	19,486
7	TO Scheduling System Control and Dispatch Service	\$ 105,696	\$ -	\$	105,696
8	NERC/RFC Charges	\$ 56,537	\$ -	\$	56,537
9	Firm PTP Transmission Service	\$ -	\$ -	\$	-
10	Non-Firm PTP Transmission Service	\$ -	\$ (4,688)	\$	(4,688)
11	Network Integration Transmission Service	\$ 4,412,695	\$ -	\$	4,412,695
12	Expansion Cost Recovery Charges (ECRC)	\$ -	\$ -	\$	-
13	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 525,185	\$ -	\$	525,185
14	PJM Interface Phase Angle Regulators	\$ -	\$ -	\$	-
15	Load Response	\$ 1,369	\$ -	\$	1,369
16	CAPS Funding	\$ 829	\$ -	\$	829
17	Bilateral Charge	\$ -	\$ -	\$	-
18	Generation Deactivation	\$ -	\$ -	\$	-
19	PJM Default Charges	\$ -	\$ -	\$	-
20		SubTotal	\$ 6,190,735	\$ (15,416)	\$ (8,843,834)
21	TCRR-N Deferral carrying costs (WPC-1b)			\$	(2,668,515)
22				\$	79,209
23	Total TCRR-N including carrying costs		\$ 6,190,735	\$ (15,416)	\$ (2,589,305)

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(Revenue)/Expense in \$

Data: Actual

Type of Filing: Original

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August 2021 - Actual

<u>Line</u> (A)	<u>Description</u> (B)	Total			Total Net Costs (F) = (C)+(D)+(E)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)	<u>Retail Revenues</u> (E)	
Transmission Cost Recovery Rider - Non-Bypassable (TCRR-N)					
1	Transmission Enhancement Charges (RTEP)	\$ 859,257	\$ -		\$ 859,257
2	Incremental Capacity Transfer	\$ -	\$ (10,711)		\$ (10,711)
3	Operating Reserve	\$ 5,306	\$ -		\$ 5,306
4	TCRR Revenue Rider	\$ -	\$ -	\$ (9,014,164)	\$ (9,014,164)
5	Reactive Supply and Voltage Control from Gen Sources	\$ 199,848	\$ -		\$ 199,848
6	Black Start Service	\$ 58,823	\$ -		\$ 58,823
7	TO Scheduling System Control and Dispatch Service	\$ 110,166	\$ -		\$ 110,166
8	NERC/RFC Charges	\$ 17,485	\$ -		\$ 17,485
9	Firm PTP Transmission Service	\$ -	\$ -		\$ -
10	Non-Firm PTP Transmission Service	\$ -	\$ (5,937)		\$ (5,937)
11	Network Integration Transmission Service	\$ 4,405,967	\$ -		\$ 4,405,967
12	Expansion Cost Recovery Charges (ECRC)	\$ -	\$ -		\$ -
13	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 546,890	\$ -		\$ 546,890
14	PJM Interface Phase Angle Regulators	\$ -	\$ -		\$ -
15	Load Response	\$ 1,293	\$ -		\$ 1,293
16	CAPS Funding	\$ 865	\$ -		\$ 865
17	Bilateral Charge	\$ -	\$ -		\$ -
18	Generation Deactivation	\$ -	\$ -		\$ -
19	PJM Default Charges	\$ -	\$ -		\$ -
20		SubTotal	\$ 6,205,900	\$ (16,648)	\$ (9,014,164)
21	TCRR-N Deferral carrying costs (WPC-1b)				\$ (2,824,913)
22					\$ 68,539
23	Total TCRR-N including carrying costs		\$ 6,205,900	\$ (16,648)	\$ (2,756,374)

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(Revenue)/Expense in \$

Data: Actual

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September 2021 - Actual

<u>Line</u> (A)	<u>Description</u> (B)	Total			Total Net Costs (F) = (C)+(D)+(E)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)	<u>Retail Revenues</u> (E)	
Transmission Cost Recovery Rider - Non-Bypassable (TCRR-N)					
1	Transmission Enhancement Charges (RTEP)	\$ 849,638	\$ -		\$ 849,638
2	Incremental Capacity Transfer	\$ -	\$ (10,239)		\$ (10,239)
3	Operating Reserve	\$ 12,932	\$ -		\$ 12,932
4	TCRR Revenue Rider	\$ -	\$ -	\$ (8,946,550)	\$ (8,946,550)
5	Reactive Supply and Voltage Control from Gen Sources	\$ 200,981	\$ -		\$ 200,981
6	Black Start Service	\$ (24,003)	\$ -		\$ (24,003)
7	TO Scheduling System Control and Dispatch Service	\$ 88,108	\$ -		\$ 88,108
8	NERC/RFC Charges	\$ 88,589	\$ -		\$ 88,589
9	Firm PTP Transmission Service	\$ -	\$ -		\$ -
10	Non-Firm PTP Transmission Service	\$ -	\$ (5,766)		\$ (5,766)
11	Network Integration Transmission Service	\$ 4,201,799	\$ -		\$ 4,201,799
12	Expansion Cost Recovery Charges (ECRC)	\$ -	\$ -		\$ -
13	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 439,730	\$ -		\$ 439,730
14	PJM Interface Phase Angle Regulators	\$ -	\$ -		\$ -
15	Load Response	\$ 6,230	\$ -		\$ 6,230
16	CAPS Funding	\$ 691	\$ -		\$ 691
17	Bilateral Charge	\$ -	\$ -		\$ -
18	Generation Deactivation	\$ -	\$ -		\$ -
19	PJM Default Charges	\$ -	\$ -		\$ -
20		SubTotal	\$ 5,864,695	\$ (16,005)	\$ (8,946,550)
21	TCRR-N Deferral carrying costs (WPC-1b)				\$ (3,097,859)
22					\$ 56,968
23	Total TCRR-N including carrying costs		\$ 5,864,695	\$ (16,005)	\$ (3,040,891)

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(Revenue)/Expense in \$

Data: Actual

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October 2021 - Actual

<u>Line</u> (A)	<u>Description</u> (B)	Total			Total Net Costs (F) = (C)+(D)+(E)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)	<u>Retail Revenues</u> (E)	
Transmission Cost Recovery Rider - Non-Bypassable (TCRR-N)					
1	Transmission Enhancement Charges (RTEP)	\$ 848,904	\$ -		\$ 848,904
2	Incremental Capacity Transfer	\$ -	\$ (10,547)		\$ (10,547)
3	Operating Reserve	\$ -	\$ -		\$ -
4	TCRR Revenue Rider	\$ -	\$ -	\$ (7,556,775)	\$ (7,556,775)
5	Reactive Supply and Voltage Control from Gen Sources	\$ 201,199	\$ -		\$ 201,199
6	Black Start Service	\$ 17,544	\$ -		\$ 17,544
7	TO Scheduling System Control and Dispatch Service	\$ 83,381	\$ -		\$ 83,381
8	NERC/RFC Charges	\$ 44,597	\$ -		\$ 44,597
9	Firm PTP Transmission Service	\$ -	\$ -		\$ -
10	Non-Firm PTP Transmission Service	\$ -	\$ (5,046)		\$ (5,046)
11	Network Integration Transmission Service	\$ 4,337,524	\$ -		\$ 4,337,524
12	Expansion Cost Recovery Charges (ECRC)	\$ -	\$ -		\$ -
13	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 379,885	\$ -		\$ 379,885
14	PJM Interface Phase Angle Regulators	\$ -	\$ -		\$ -
15	Load Response	\$ 3,103	\$ -		\$ 3,103
16	CAPS Funding	\$ 654	\$ -		\$ 654
17	Bilateral Charge	\$ -	\$ -		\$ -
18	Generation Deactivation	\$ -	\$ -		\$ -
19	PJM Default Charges	\$ -	\$ -		\$ -
20		SubTotal	\$ 5,916,791	\$ (15,593)	\$ (7,556,775)
21	TCRR-N Deferral carrying costs (WPC-1b)				\$ (1,655,576)
22					\$ 47,689
23	Total TCRR-N including carrying costs		\$ 5,916,791	\$ (15,593)	\$ (1,607,888)

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(Revenue)/Expense in \$

Data: Actual

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November 2021 - Actual

<u>Line</u> (A)	<u>Description</u> (B)	Total			Total Net Costs (F) = (C)+(D)+(E)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)	<u>Retail Revenues</u> (E)	
Transmission Cost Recovery Rider - Non-Bypassable (TCRR-N)					
1	Transmission Enhancement Charges (RTEP)	\$ 848,401	\$ -		\$ 848,401
2	Incremental Capacity Transfer	\$ -	\$ (10,189)		\$ (10,189)
3	Operating Reserve	\$ 20	\$ -		\$ 20
4	TCRR Revenue Rider	\$ -	\$ -	\$ (7,214,265)	\$ (7,214,265)
5	Reactive Supply and Voltage Control from Gen Sources	\$ 202,584	\$ -		\$ 202,584
6	Black Start Service	\$ 17,671	\$ -		\$ 17,671
7	TO Scheduling System Control and Dispatch Service	\$ 86,766	\$ -		\$ 86,766
8	NERC/RFC Charges	\$ 46,398	\$ -		\$ 46,398
9	Firm PTP Transmission Service	\$ -	\$ -		\$ -
10	Non-Firm PTP Transmission Service	\$ -	\$ (4,135)		\$ (4,135)
11	Network Integration Transmission Service	\$ 4,195,893	\$ -		\$ 4,195,893
12	Expansion Cost Recovery Charges (ECRC)	\$ -	\$ -		\$ -
13	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 394,387	\$ -		\$ 394,387
14	PJM Interface Phase Angle Regulators	\$ -	\$ -		\$ -
15	Load Response	\$ 1,306	\$ -		\$ 1,306
16	CAPS Funding	\$ 680	\$ -		\$ 680
17	Bilateral Charge	\$ -	\$ -		\$ -
18	Generation Deactivation	\$ -	\$ -		\$ -
19	PJM Default Charges	\$ -	\$ -		\$ -
20		SubTotal	\$ 5,794,107	\$ (14,325)	\$ (7,214,265)
21	TCRR-N Deferral carrying costs (WPC-1b)				\$ (1,434,482)
22					\$ 41,699
23	Total TCRR-N including carrying costs		\$ 5,794,107	\$ (14,325)	\$ (1,392,783)

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December 2021 - Actual

<u>Line</u> (A)	<u>Description</u> (B)	Total			Total Net Costs (F) = (C)+(D)+(E)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)	<u>Retail Revenues</u> (E)	
Transmission Cost Recovery Rider - Non-Bypassable (TCRR-N)					
1	Transmission Enhancement Charges (RTEP)	\$ 774,368	\$ -		\$ 774,368
2	Incremental Capacity Transfer	\$ -	\$ (9,868)		\$ (9,868)
3	Operating Reserve	\$ 0	\$ -		\$ 0
4	TCRR Revenue Rider	\$ -	\$ -	\$ (8,006,203)	\$ (8,006,203)
5	Reactive Supply and Voltage Control from Gen Sources	\$ 192,575	\$ -		\$ 192,575
6	Black Start Service	\$ 16,807	\$ -		\$ 16,807
7	TO Scheduling System Control and Dispatch Service	\$ 88,238	\$ -		\$ 88,238
8	NERC/RFC Charges	\$ 47,164	\$ -		\$ 47,164
9	Firm PTP Transmission Service	\$ -	\$ -		\$ -
10	Non-Firm PTP Transmission Service	\$ -	\$ (7,022)		\$ (7,022)
11	Network Integration Transmission Service	\$ 4,145,848	\$ -		\$ 4,145,848
12	Expansion Cost Recovery Charges (ECRC)	\$ -	\$ -		\$ -
13	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 400,602	\$ -		\$ 400,602
14	PJM Interface Phase Angle Regulators	\$ -	\$ -		\$ -
15	Load Response	\$ 2,416	\$ -		\$ 2,416
16	CAPS Funding	\$ 661	\$ -		\$ 661
17	Bilateral Charge	\$ -	\$ -		\$ -
18	Generation Deactivation	\$ -	\$ -		\$ -
19	PJM Default Charges	\$ -	\$ -		\$ -
20		SubTotal	\$ 5,668,678	\$ (16,890)	\$ (8,006,203)
21	TCRR-N Deferral carrying costs (WPC-1b)				\$ (2,354,414)
22					\$ 34,288
23	Total TCRR-N including carrying costs		\$ 5,668,678	\$ (16,890)	\$ (2,320,126)

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January 2022 - Actual

<u>Line</u> (A)	<u>Description</u> (B)	Total			Total Net Costs (F) = (C)+(D)+(E)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)	<u>Retail Revenues</u> (E)	
Transmission Cost Recovery Rider - Non-Bypassable (TCRR-N)					
1	Transmission Enhancement Charges (RTEP)	\$ 952,118	\$ -	\$ 952,118	
2	Incremental Capacity Transfer	\$ -	\$ (9,734)	\$ (9,734)	
3	Operating Reserve	\$ 0	\$ -	\$ 0	
4	TCRR Revenue Rider	\$ -	\$ -	\$ (8,838,144)	\$ (8,838,144)
5	Reactive Supply and Voltage Control from Gen Sources	\$ 183,180	\$ -	\$ 183,180	
6	Black Start Service	\$ 16,025	\$ -	\$ 16,025	
7	TO Scheduling System Control and Dispatch Service	\$ 85,878	\$ -	\$ 85,878	
8	NERC/RFC Charges	\$ 71,588	\$ -	\$ 71,588	
9	Firm PTP Transmission Service	\$ -	\$ -	\$ -	
10	Non-Firm PTP Transmission Service	\$ -	\$ (10,741)	\$ (10,741)	
11	Network Integration Transmission Service	\$ 4,305,009	\$ -	\$ 4,305,009	
12	Expansion Cost Recovery Charges (ECRC)	\$ -	\$ -	\$ -	
13	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 398,557	\$ -	\$ 398,557	
14	PJM Interface Phase Angle Regulators	\$ -	\$ -	\$ -	
15	Load Response	\$ 273	\$ -	\$ 273	
16	CAPS Funding	\$ 891	\$ -	\$ 891	
17	Bilateral Charge	\$ -	\$ -	\$ -	
18	Generation Deactivation	\$ -	\$ -	\$ -	
19	PJM Default Charges	\$ -	\$ -	\$ -	
20		SubTotal	\$ 6,013,518	\$ (20,475)	\$ (2,845,100)
21	TCRR-N Deferral carrying costs (WPC-1b)				\$ 24,027
22					
23	Total TCRR-N including carrying costs		\$ 6,013,518.15	\$ (20,474.67)	\$ (2,821,074)

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(Revenue)/Expense in \$

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February 2022 - Actual

<u>Line</u> (A)	<u>Description</u> (B)	Total			Total Net Costs (F) = (C)+(D)+(E)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)	<u>Retail Revenues</u> (E)	
Transmission Cost Recovery Rider - Non-Bypassable (TCRR-N)					
1	Transmission Enhancement Charges (RTEP)	\$ 1,004,106	\$ -		\$ 1,004,106
2	Incremental Capacity Transfer	\$ -	\$ (9,212)		\$ (9,212)
3	Operating Reserve	\$ -	\$ -		\$ -
4	TCRR Revenue Rider	\$ -	\$ -	\$ (8,825,551)	\$ (8,825,551)
5	Reactive Supply and Voltage Control from Gen Sources	\$ 184,427	\$ -		\$ 184,427
6	Black Start Service	\$ 33,109	\$ -		\$ 33,109
7	TO Scheduling System Control and Dispatch Service	\$ 77,967	\$ -		\$ 77,967
8	NERC/RFC Charges	\$ (36)	\$ -		\$ (36)
9	Firm PTP Transmission Service	\$ -	\$ -		\$ -
10	Non-Firm PTP Transmission Service	\$ -	\$ (9,334)		\$ (9,334)
11	Network Integration Transmission Service	\$ 4,102,624	\$ -		\$ 4,102,624
12	Expansion Cost Recovery Charges (ECRC)	\$ -	\$ -		\$ -
13	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ (42,749)	\$ -		\$ (42,749)
14	PJM Interface Phase Angle Regulators	\$ -	\$ -		\$ -
15	Load Response	\$ 527	\$ -		\$ 527
16	CAPS Funding	\$ (1)	\$ -		\$ (1)
17	Bilateral Charge	\$ -	\$ -		\$ -
18	Generation Deactivation	\$ -	\$ -		\$ -
19	PJM Default Charges	\$ -	\$ -		\$ -
20		SubTotal	\$ 5,359,973	\$ (18,546)	\$ (8,825,551)
21	TCRR-N Deferral carrying costs (WPC-1b)				\$ 11,464
22					
23	Total TCRR-N including carrying costs		\$ 5,359,973	\$ (18,546)	\$ (3,472,661)

AES Ohio
Case No. 22-0152-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)	2021												2022			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)			
TCRR-N																	
1	Residential	-\$1,770,690	-\$1,670,651	-\$1,216,650	-\$1,021,805	-\$2,862,497	-\$3,501,453	-\$3,610,052	-\$3,498,048	-\$2,515,954	-\$2,380,064	-\$3,223,958	-\$3,858,636	-\$4,045,948			-\$35,176,406
2	Secondary	-\$977,521	-\$1,036,359	-\$1,008,641	-\$983,386	-\$2,965,491	-\$3,183,054	-\$3,185,306	-\$3,235,045	-\$2,960,997	-\$2,880,596	-\$2,850,435	-\$2,985,777	-\$2,880,077			-\$31,132,685
3	Primary	-\$501,595	-\$480,113	-\$494,086	-\$499,585	-\$1,265,144	-\$1,344,362	-\$1,411,041	-\$1,386,624	-\$1,287,075	-\$1,219,649	-\$1,148,490	-\$1,276,798	-\$1,170,087			-\$13,484,649
4	Primary Substation	-\$151,724	-\$149,750	-\$153,189	-\$156,811	-\$321,288	-\$332,133	-\$341,219	-\$345,850	-\$343,343	-\$339,397	-\$332,250	-\$319,584	-\$329,716			-\$3,616,254
5	High Voltage	-\$179,280	-\$183,128	-\$176,461	-\$181,271	-\$434,241	-\$479,120	-\$462,508	-\$476,960	-\$445,357	-\$390,529	-\$447,037	-\$393,321	-\$395,610			-\$4,644,823
6	Private Outdoor Lighting	-\$709	-\$702	-\$703	-\$701	-\$1,479	-\$1,475	-\$1,462	-\$1,459	-\$1,463	-\$1,449	-\$1,452	-\$1,442	-\$1,432			-\$15,928
7	Street Lighting	-\$1,080	-\$1,060	-\$1,053	-\$1,074	-\$2,266	-\$2,237	-\$2,576	-\$2,563	-\$2,586	-\$2,579	-\$2,582	-\$2,586	-\$2,682			-\$26,924
8	Total TCRR-N	-\$3,582,599	-\$3,521,763	-\$3,050,783	-\$2,844,633	-\$7,852,406	-\$8,843,834	-\$9,014,164	-\$8,946,549	-\$7,556,775	-\$7,214,263	-\$8,006,204	-\$8,838,144	-\$8,825,552			-\$88,097,669

AES Ohio
Case No. 22-0152-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 TCRR-N	2021												2022			Total (Q)	Source (R)
			February (C)	March (D)	April (E)	May (F)	June (G)	July (H)	August (I)	September (J)	October (L)	November (M)	December (N)	January (O)	February (P)	Total (Q)	Source (R)		
1 Net Costs		\$8,710,456	\$5,981,815	\$1,893,806	\$5,963,241	\$5,941,419	\$6,175,319	\$6,189,252	\$5,848,691	\$5,901,198	\$5,779,783	\$5,651,788	\$5,993,043	\$5,341,427	\$75,371,237	Schedule D-1, Col (C) + Col (D)			
2 Revenues		(\$3,582,599)	(\$3,521,762)	(\$3,050,784)	(\$2,844,632)	(\$7,852,408)	(\$8,843,834)	(\$9,014,164)	(\$8,946,550)	(\$7,556,775)	(\$7,214,265)	(\$8,006,203)	(\$8,838,144)	(\$8,825,551)	(\$88,097,669)	Schedule D-1, Col (E)			
3 (Over)/ Under Recovery		\$5,127,857	\$2,460,053	(\$1,156,978)	\$3,118,609	(\$1,910,988)	(\$2,668,515)	(\$2,824,913)	(\$3,097,859)	(\$1,655,576)	(\$1,434,482)	(\$2,354,414)	(\$2,845,100)	(\$3,484,125)	(\$12,726,432)	Line 1 + Line 2			
4 Carrying Costs		\$62,668	\$78,094	\$81,013	\$85,260	\$88,016	\$79,209	\$68,539	\$56,968	\$47,689	\$41,699	\$34,288	\$24,027	\$11,464	\$758,934	Schedule D-1, Col (F)			
5 (Over)/ Under Recovery with Carrying Costs		\$5,190,524	\$2,538,147	(\$1,075,966)	\$3,203,869	(\$1,822,972)	(\$2,589,305)	(\$2,756,374)	(\$3,040,891)	(\$1,607,888)	(\$1,392,783)	(\$2,320,126)	(\$2,821,074)	(\$3,472,661)	(\$11,967,499)	Line 3 + Line 4			
6 YTD Under Recovery (without Carrying Costs)		\$18,230,808	\$20,753,529	\$19,674,644	\$22,874,266	\$21,048,537	\$18,468,039	\$15,722,335	\$12,693,015	\$11,094,407	\$9,707,614	\$7,394,899	\$4,584,087	\$1,123,989	\$376,519	Line 3 + Line 7			
7 YTD Under Recovery		13,102,951	\$18,293,475	\$20,831,623	\$19,755,657	\$22,959,526	\$21,136,554	\$18,547,248	\$15,790,875	\$12,749,983	\$11,142,096	\$9,749,313	\$7,429,187	\$4,608,113	\$1,135,453	\$1,135,453	Line 5 + Line 7		

**AES Ohio
Case No. 22-0152-EL-RDR
Transmission Cost Recovery Rider - Non-Bypassable**

Workpapers

AES Ohio
Case No. 22-0152-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. 22-0152-EL-RDR
Projected Charges and Revenues
June 2022 - May 2023
(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 2022 - Forecast

Line (A)	Description (B)	Total		Type of Charge (E)	Adjustment Factor (F) WPC-1c	Total Net Costs (G) = ((C)+(D)) x (F)
		PJM Bill Charges (C)	PJM Bill Revenues (D)			
1	TCRR-N Costs & Revenues					
2	Transmission Enhancement Charges (RTEP)	\$ 859,123	NA	Demand - 1 CP	100.000%	\$ 859,123
3	Incremental Capacity Transfer Rights Credits	\$ -	\$ (10,354)	Demand - 1 CP	100.000%	\$ (10,354)
4	Reactive Supply and Voltage Control from Gen Sources	\$ 202,006	NA	Reactive Demand - 12 CP	100.000%	\$ 202,006
5	Black Start Service	\$ 15,686	NA	Demand - 12 CP	100.000%	\$ 15,686
6	TO Scheduling System Control and Dispatch Service	\$ 97,849	NA	Energy	99.218%	\$ 97,084
7	NERC/RFC Charges	\$ 52,321	NA	Energy	99.218%	\$ 51,912
8	Firm PTP Transmission Service	\$ -	\$ (5,126)	Demand - 1 CP	100.000%	\$ -
9	Non-Firm PTP Transmission Service	\$ 4,309,324	NA	Demand - 1 CP	100.000%	\$ (5,126)
10	Network Integration Transmission Service	\$ -	NA	Demand - 1 CP	100.000%	\$ 4,309,324
11	Expansion Cost Recovery Charges (ECRC)	\$ 463,619	NA	Demand - 1 CP	100.000%	\$ -
12	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 153	NA	Energy	99.218%	\$ 459,993
13	Load Response	\$ 767	NA	Energy	99.218%	\$ 152
14	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	\$ -	NA	Energy	99.218%	\$ 761
15	Bilateral Charge	TCRR-N SubTotal	\$ 6,000,849	Energy	99.218%	\$ -
16	TCRR-N Deferral carrying costs (WPC-1b)		\$ (15,480)			\$ 5,980,560
17						\$ (16,974)
18						
19	Total TCRR-N including carrying costs		\$ 6,000,849			\$ 5,963,587

AES Ohio
Case No. 22-0152-EL-RDR
Projected Charges and Revenues
June 2022 - May 2023
(Revenue)/Expense in \$

Data: Forecasted

Type of Filing: Original

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

Workpaper C-1a
Page 2 of 12

July 2022 - Forecast

<u>Line</u> (A)	<u>Description</u> (B)	Total		<u>Type of Charge</u> (E)	<u>Adjustment</u> (F) WPC-1c	Total <u>Net Costs</u> (G) = ((C)+(D)) x (F)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)			
1	TCRR-N Costs & Revenues					
2	Transmission Enhancement Charges (RTEP)	\$ 860,597	NA	Demand - 1 CP	100.000%	\$ 860,597
3	Incremental Capacity Transfer Rights Credits	\$ -	\$ (10,728)	Demand - 1 CP	100.000%	\$ (10,728)
4	Reactive Supply and Voltage Control from Gen Sources	\$ 202,711	NA	Reactive Demand - 12 CP	100.000%	\$ 202,711
5	Black Start Service	\$ 19,486	NA	Demand - 12 CP	100.000%	\$ 19,486
6	TO Scheduling System Control and Dispatch Service	\$ 105,696	NA	Energy	99.218%	\$ 104,869
7	NERC/RFC Charges	\$ 56,537	NA	Energy	99.218%	\$ 56,095
8	Firm PTP Transmission Service	\$ -	\$ (4,688)	Demand - 1 CP	100.000%	\$ -
9	Non-Firm PTP Transmission Service	\$ 4,452,968	NA	Demand - 1 CP	100.000%	\$ (4,688)
10	Network Integration Transmission Service	\$ -		Demand - 1 CP	100.000%	\$ 4,452,968
11	Expansion Cost Recovery Charges (ECRC)	\$ 525,185	NA	Demand - 1 CP	100.000%	\$ -
12	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 1,369	NA	Energy	99.218%	\$ 521,077
13	Load Response	\$ 829	NA	Energy	99.218%	\$ 1,358
14	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	\$ -	NA	Energy	99.218%	\$ 823
15	Bilateral Charge			Energy	99.218%	\$ -
16		TCRR-N SubTotal	\$ 6,225,379			\$ 6,204,570
17	TCRR-N Deferral carrying costs (WPC-1b)		\$ (15,416)			\$ (15,829)
18						
19	Total TCRR-N including carrying costs		\$ 6,225,379			\$ 6,188,740

AES Ohio
Case No. 22-0152-EL-RDR
Projected Charges and Revenues
June 2022 - May 2023
(Revenue)/Expense in \$

Data: Forecasted

Type of Filing: Original

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

Workpaper C-1a
Page 3 of 12

August 2022 - Forecast

<u>Line</u> (A)	<u>Description</u> (B)	Total		<u>Type of Charge</u> (E)	<u>Adjustment</u> (F) WPC-1c	Total <u>Net Costs</u> (G) = ((C)+(D)) x (F)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)			
1	TCRR-N Costs & Revenues					
2	Transmission Enhancement Charges (RTEP)	\$ 859,257	NA	Demand - 1 CP	100.000%	\$ 859,257
3	Incremental Capacity Transfer Rights Credits	\$ -	\$ (10,711)	Demand - 1 CP	100.000%	\$ (10,711)
4	Reactive Supply and Voltage Control from Gen Sources	\$ 199,848	NA	Reactive Demand - 12 CP	100.000%	\$ 199,848
5	Black Start Service	\$ 58,823	NA	Demand - 12 CP	100.000%	\$ 58,823
6	TO Scheduling System Control and Dispatch Service	\$ 110,166	NA	Energy	99.218%	\$ 109,305
7	NERC/RFC Charges	\$ 17,485	NA	Energy	99.218%	\$ 17,348
8	Firm PTP Transmission Service	\$ -	\$ (5,937)	Demand - 1 CP	100.000%	\$ -
9	Non-Firm PTP Transmission Service	\$ 4,452,968	NA	Demand - 1 CP	100.000%	\$ (5,937)
10	Network Integration Transmission Service	\$ -		Demand - 1 CP	100.000%	\$ 4,452,968
11	Expansion Cost Recovery Charges (ECRC)			Demand - 1 CP	100.000%	\$ -
12	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 546,890	NA	Energy	99.218%	\$ 542,613
13	Load Response	\$ 1,293	NA	Energy	99.218%	\$ 1,283
14	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	\$ 865	NA	Energy	99.218%	\$ 858
15	Bilateral Charge	\$ -	NA	Energy	99.218%	\$ -
16	TCRR-N SubTotal		\$ 6,247,595	\$ (16,648)		\$ 6,225,654
17	TCRR-N Deferral carrying costs (WPC-1b)					\$ (15,861)
18	Total TCRR-N including carrying costs		\$ 6,247,595	\$ (16,648)		\$ 6,209,793
19						

AES Ohio
Case No. 22-0152-EL-RDR
Projected Charges and Revenues
June 2022 - May 2023
(Revenue)/Expense in \$

Data: Forecasted

Type of Filing: Original

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

Workpaper C-1a
Page 4 of 12

September 2022 - Forecast

<u>Line</u> (A)	<u>Description</u> (B)	Total		<u>Type of Charge</u> (E)	<u>Adjustment</u> (F) WPC-1c	Total <u>Net Costs</u> (G) = ((C)+(D)) x (F)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)			
1	TCRR-N Costs & Revenues					
2	Transmission Enhancement Charges (RTEP)	\$ 849,638	NA	Demand - 1 CP	100.000%	\$ 849,638
3	Incremental Capacity Transfer Rights Credits	\$ -	\$ (10,239)	Demand - 1 CP	100.000%	\$ (10,239)
4	Reactive Supply and Voltage Control from Gen Sources	\$ 200,981	NA	Reactive Demand - 12 CP	100.000%	\$ 200,981
5	Black Start Service	\$ (24,003)	NA	Demand - 12 CP	100.000%	\$ (24,003)
6	TO Scheduling System Control and Dispatch Service	\$ 88,108	NA	Energy	99.218%	\$ 87,419
7	NERC/RFC Charges	\$ 88,589	NA	Energy	99.218%	\$ 87,896
8	Firm PTP Transmission Service	\$ -	\$ (5,766)	Demand - 1 CP	100.000%	\$ -
9	Non-Firm PTP Transmission Service	\$ 4,309,324	NA	Demand - 1 CP	100.000%	\$ (5,766)
10	Network Integration Transmission Service	\$ -		Demand - 1 CP	100.000%	\$ 4,309,324
11	Expansion Cost Recovery Charges (ECRC)	\$ 439,730	NA	Demand - 1 CP	100.000%	\$ -
12	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 6,230	NA	Energy	99.218%	\$ 436,291
13	Load Response	\$ 691	NA	Energy	99.218%	\$ 6,181
14	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	\$ -	NA	Energy	99.218%	\$ 686
15	Bilateral Charge			Energy	99.218%	\$ -
16		TCRR-N SubTotal	\$ 5,959,289			\$ 5,938,409
17	TCRR-N Deferral carrying costs (WPC-1b)		\$ (16,005)			\$ (16,190)
18						
19	Total TCRR-N including carrying costs		\$ 5,959,289			\$ 5,922,219

AES Ohio
Case No. 22-0152-EL-RDR
Projected Charges and Revenues
June 2022 - May 2023
(Revenue)/Expense in \$

Data: Forecasted

Type of Filing: Original

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

Workpaper C-1a
Page 5 of 12

October 2022 - Forecast

<u>Line</u> (A)	<u>Description</u> (B)	Total		<u>Type of Charge</u> (E)	<u>Adjustment</u> (F) WPC-1c	Total <u>Net Costs</u> (G) = ((C)+(D)) x (F)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)			
1	TCRR-N Costs & Revenues					
2	Transmission Enhancement Charges (RTEP)	\$ 848,904	NA	Demand - 1 CP	100.000%	\$ 848,904
3	Incremental Capacity Transfer Rights Credits	\$ -	\$ (10,547)	Demand - 1 CP	100.000%	\$ (10,547)
4	Reactive Supply and Voltage Control from Gen Sources	\$ 201,199	NA	Reactive Demand - 12 CP	100.000%	\$ 201,199
5	Black Start Service	\$ 17,544	NA	Demand - 12 CP	100.000%	\$ 17,544
6	TO Scheduling System Control and Dispatch Service	\$ 83,381	NA	Energy	99.218%	\$ 82,728
7	NERC/RFC Charges	\$ 44,597	NA	Energy	99.218%	\$ 44,248
8	Firm PTP Transmission Service	\$ -	\$ (5,046)	Demand - 1 CP	100.000%	\$ -
9	Non-Firm PTP Transmission Service	\$ 4,452,968	NA	Demand - 1 CP	100.000%	\$ (5,046)
10	Network Integration Transmission Service	\$ -		Demand - 1 CP	100.000%	\$ 4,452,968
11	Expansion Cost Recovery Charges (ECRC)	\$ 379,885	NA	Demand - 1 CP	100.000%	\$ -
12	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 3,103	NA	Energy	99.218%	\$ 376,914
13	Load Response	\$ 654	NA	Energy	99.218%	\$ 3,079
14	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	\$ -	NA	Energy	99.218%	\$ 649
15	Bilateral Charge			Energy	99.218%	\$ -
16		TCRR-N SubTotal	\$ 6,032,236			\$ 6,012,641
17	TCRR-N Deferral carrying costs (WPC-1b)		\$ (15,593)			\$ (14,356)
18						
19	Total TCRR-N including carrying costs		\$ 6,032,236			\$ 5,998,285

AES Ohio
Case No. 22-0152-EL-RDR
Projected Charges and Revenues
June 2022 - May 2023
(Revenue)/Expense in \$

Data: Forecasted

Type of Filing: Original

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

Workpaper C-1a
Page 6 of 12

November 2022 - Forecast

<u>Line</u> (A)	<u>Description</u> (B)	Total		<u>Type of Charge</u> (E)	<u>Adjustment</u> (F) WPC-1c	Total <u>Net Costs</u> (G) = ((C)+(D)) x (F)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)			
1	TCRR-N Costs & Revenues					
2	Transmission Enhancement Charges (RTEP)	\$ 848,401	NA	Demand - 1 CP	100.000%	\$ 848,401
3	Incremental Capacity Transfer Rights Credits	\$ -	\$ (10,189)	Demand - 1 CP	100.000%	\$ (10,189)
4	Reactive Supply and Voltage Control from Gen Sources	\$ 202,584	NA	Reactive Demand - 12 CP	100.000%	\$ 202,584
5	Black Start Service	\$ 17,671	NA	Demand - 12 CP	100.000%	\$ 17,671
6	TO Scheduling System Control and Dispatch Service	\$ 86,766	NA	Energy	99.218%	\$ 86,087
7	NERC/RFC Charges	\$ 46,398	NA	Energy	99.218%	\$ 46,035
8	Firm PTP Transmission Service	\$ -	\$ (4,135)	Demand - 1 CP	100.000%	\$ -
9	Non-Firm PTP Transmission Service	\$ 4,309,324	NA	Demand - 1 CP	100.000%	\$ (4,135)
10	Network Integration Transmission Service	\$ -		Demand - 1 CP	100.000%	\$ 4,309,324
11	Expansion Cost Recovery Charges (ECRC)	\$ 394,387	NA	Demand - 1 CP	100.000%	\$ -
12	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 1,306	NA	Energy	99.218%	\$ 391,302
13	Load Response	\$ 680	NA	Energy	99.218%	\$ 1,296
14	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	\$ -	NA	Energy	99.218%	\$ 675
15	Bilateral Charge			Energy	99.218%	\$ -
16		TCRR-N SubTotal	\$ 5,907,518			\$ 5,889,051
17	TCRR-N Deferral carrying costs (WPC-1b)		\$ (14,325)			\$ (10,127)
18						
19	Total TCRR-N including carrying costs		\$ 5,907,518			\$ 5,878,924

AES Ohio
Case No. 22-0152-EL-RDR
Projected Charges and Revenues
June 2022 - May 2023
(Revenue)/Expense in \$

Data: Forecasted

Type of Filing: Original

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

Workpaper C-1a
Page 7 of 12

December 2022 - Forecast

<u>Line</u> (A)	<u>Description</u> (B)	Total		<u>Type of Charge</u> (E)	<u>Adjustment</u> (F) WPC-1c	Total <u>Net Costs</u> (G) = ((C)+(D)) x (F)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)			
1	TCRR-N Costs & Revenues					
2	Transmission Enhancement Charges (RTEP)	\$ 774,368	NA	Demand - 1 CP	100.000%	\$ 774,368
3	Incremental Capacity Transfer Rights Credits	\$ -	\$ (9,868)	Demand - 1 CP	100.000%	\$ (9,868)
4	Reactive Supply and Voltage Control from Gen Sources	\$ 192,575	NA	Reactive Demand - 12 CP	100.000%	\$ 192,575
5	Black Start Service	\$ 16,807	NA	Demand - 12 CP	100.000%	\$ 16,807
6	TO Scheduling System Control and Dispatch Service	\$ 88,238	NA	Energy	99.218%	\$ 87,547
7	NERC/RFC Charges	\$ 47,164	NA	Energy	99.218%	\$ 46,795
8	Firm PTP Transmission Service	\$ -	\$ (7,022)	Demand - 1 CP	100.000%	\$ -
9	Non-Firm PTP Transmission Service	\$ 4,452,968	NA	Demand - 1 CP	100.000%	\$ (7,022)
10	Network Integration Transmission Service	\$ -		Demand - 1 CP	100.000%	\$ 4,452,968
11	Expansion Cost Recovery Charges (ECRC)			Demand - 1 CP	100.000%	\$ -
12	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 400,602	NA	Energy	99.218%	\$ 397,469
13	Load Response	\$ 2,416	NA	Energy	99.218%	\$ 2,397
14	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	\$ 661	NA	Energy	99.218%	\$ 656
15	Bilateral Charge	\$ -	NA	Energy	99.218%	\$ -
16	TCRR-N SubTotal		\$ 5,975,799	\$ (16,890)		\$ 5,954,692
17	TCRR-N Deferral carrying costs (WPC-1b)					\$ (6,523)
18	Total TCRR-N including carrying costs		\$ 5,975,799	\$ (16,890)		\$ 5,948,169
19						

AES Ohio
Case No. 22-0152-EL-RDR
Projected Charges and Revenues
June 2022 - May 2023
(Revenue)/Expense in \$

Data: Forecasted

Type of Filing: Original

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

Workpaper C-1a
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January 2023 - Forecast

<u>Line</u> (A)	<u>Description</u> (B)	Total		<u>Type of Charge</u> (E)	<u>Adjustment</u> (F) WPC-1c	Total <u>Net Costs</u> (G) = ((C)+(D)) x (F)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)			
1	TCRR-N Costs & Revenues					
2	Transmission Enhancement Charges (RTEP)	\$ 952,118	NA	Demand - 1 CP	100.000%	\$ 952,118
3	Incremental Capacity Transfer Rights Credits	\$ -	\$ (9,734)	Demand - 1 CP	100.000%	\$ (9,734)
4	Reactive Supply and Voltage Control from Gen Sources	\$ 183,180	NA	Reactive Demand - 12 CP	100.000%	\$ 183,180
5	Black Start Service	\$ 16,025	NA	Demand - 12 CP	100.000%	\$ 16,025
6	TO Scheduling System Control and Dispatch Service	\$ 85,878	NA	Energy	99.218%	\$ 85,206
7	NERC/RFC Charges	\$ 71,588	NA	Energy	99.218%	\$ 71,028
8	Firm PTP Transmission Service	\$ -	\$ (10,741)	Demand - 1 CP	100.000%	\$ -
9	Non-Firm PTP Transmission Service	\$ 4,395,511	NA	Demand - 1 CP	100.000%	\$ (10,741)
10	Network Integration Transmission Service	\$ -		Demand - 1 CP	100.000%	\$ 4,395,511
11	Expansion Cost Recovery Charges (ECRC)	\$ 398,557	NA	Demand - 1 CP	100.000%	\$ -
12	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 273	NA	Energy	99.218%	\$ 395,440
13	Load Response	\$ 891	NA	Energy	99.218%	\$ -
14	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	\$ -	NA	Energy	99.218%	\$ 884
15	Bilateral Charge			Energy	99.218%	\$ -
16		TCRR-N SubTotal	\$ 6,104,020			\$ 6,078,917
17	TCRR-N Deferral carrying costs (WPC-1b)		\$ (20,475)			\$ (5,810)
18						
19	Total TCRR-N including carrying costs		\$ 6,104,020			\$ 6,073,107

AES Ohio
Case No. 22-0152-EL-RDR
Projected Charges and Revenues
June 2022 - May 2023
(Revenue)/Expense in \$

Data: Forecasted

Type of Filing: Original

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

Workpaper C-1a
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February 2023 - Forecast

<u>Line</u> (A)	<u>Description</u> (B)	Total		<u>Type of Charge</u> (E)	<u>Adjustment</u> (F) WPC-1c	Total <u>Net Costs</u> (G) = ((C)+(D)) x (F)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)			
1	TCRR-N Costs & Revenues					
2	Transmission Enhancement Charges (RTEP)	\$ 1,004,106	NA	Demand - 1 CP	100.000%	\$ 1,004,106
3	Incremental Capacity Transfer Rights Credits	\$ -	\$ (9,212)	Demand - 1 CP	100.000%	\$ (9,212)
4	Reactive Supply and Voltage Control from Gen Sources	\$ 184,427	NA	Reactive Demand - 12 CP	100.000%	\$ 184,427
5	Black Start Service	\$ 33,109	NA	Demand - 12 CP	100.000%	\$ 33,109
6	TO Scheduling System Control and Dispatch Service	\$ 77,967	NA	Energy	99.218%	\$ 77,357
7	NERC/RFC Charges	\$ (36)	NA	Energy	99.218%	\$ (36)
8	Firm PTP Transmission Service			Demand - 1 CP	100.000%	\$ -
9	Non-Firm PTP Transmission Service	\$ -	\$ (9,334)	Demand - 1 CP	100.000%	\$ (9,334)
10	Network Integration Transmission Service	\$ 4,395,511	NA	Demand - 1 CP	100.000%	\$ 4,395,511
11	Expansion Cost Recovery Charges (ECRC)	\$ -		Demand - 1 CP	100.000%	\$ -
12	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ (42,749)	NA	Energy	99.218%	\$ (42,415)
13	Load Response	\$ 527		Energy	99.218%	\$ -
14	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	\$ (1)	NA	Energy	99.218%	\$ (1)
15	Bilateral Charge	\$ -	NA	Energy	99.218%	\$ -
16	TCRR-N SubTotal		\$ 5,652,860	\$ (18,546)		\$ 5,633,512
17	TCRR-N Deferral carrying costs (WPC-1b)					\$ (7,310)
18	Total TCRR-N including carrying costs		\$ 5,652,860	\$ (18,546)		\$ 5,626,202
19						

AES Ohio
Case No. 22-0152-EL-RDR
Projected Charges and Revenues
June 2022 - May 2023
(Revenue)/Expense in \$

Data: Forecasted

Type of Filing: Original

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

Workpaper C-1a
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March 2023 - Forecast

<u>Line</u> (A)	<u>Description</u> (B)	Total		<u>Type of Charge</u> (E)	<u>Adjustment</u> (F) WPC-1c	Total <u>Net Costs</u> (G) = ((C)+(D)) x (F)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)			
1	TCRR-N Costs & Revenues					
2	Transmission Enhancement Charges (RTEP)	\$ 819,917	NA	Demand - 1 CP	100.000%	\$ 819,917
3	Incremental Capacity Transfer Rights Credits	\$ -	\$ (25,404)	Demand - 1 CP	100.000%	\$ (25,404)
4	Reactive Supply and Voltage Control from Gen Sources	\$ 199,933	NA	Reactive Demand - 12 CP	100.000%	\$ 199,933
5	Black Start Service	\$ 27,344	NA	Demand - 12 CP	100.000%	\$ 27,344
6	TO Scheduling System Control and Dispatch Service	\$ 79,204	NA	Energy	99.218%	\$ 78,585
7	NERC/RFC Charges	\$ 45,879	NA	Energy	99.218%	\$ 45,521
8	Firm PTP Transmission Service	\$ -	\$ (4,622)	Demand - 1 CP	100.000%	\$ -
9	Non-Firm PTP Transmission Service	\$ 4,452,968	NA	Demand - 1 CP	100.000%	\$ (4,622)
10	Network Integration Transmission Service	\$ -		Demand - 1 CP	100.000%	\$ 4,452,968
11	Expansion Cost Recovery Charges (ECRC)	\$ 440,668	NA	Demand - 1 CP	100.000%	\$ -
12	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 721	NA	Energy	99.218%	\$ 437,221
13	Load Response	\$ 673	NA	Energy	99.218%	\$ -
14	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	\$ -	NA	Energy	99.218%	\$ 668
15	Bilateral Charge			Energy	99.218%	\$ -
16		TCRR-N SubTotal	\$ 6,067,308			\$ 6,032,131
17	TCRR-N Deferral carrying costs (WPC-1b)		\$ (30,026)			\$ (7,707)
18						
19	Total TCRR-N including carrying costs		\$ 6,067,308			\$ 6,024,424

AES Ohio
Case No. 22-0152-EL-RDR
Projected Charges and Revenues
June 2022 - May 2023
(Revenue)/Expense in \$

Data: Forecasted

Type of Filing: Original

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

Workpaper C-1a
Page 11 of 12

April 2023 - Forecast

<u>Line</u> (A)	<u>Description</u> (B)	Total		<u>Type of Charge</u> (E)	<u>Adjustment</u> (F) WPC-1c	Total <u>Net Costs</u> (G) = ((C)+(D)) x (F)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)			
1	TCRR-N Costs & Revenues					
2	Transmission Enhancement Charges (RTEP)	\$ 762,172	NA	Demand - 1 CP	100.000%	\$ 762,172
3	Incremental Capacity Transfer Rights Credits	\$ -	\$ (24,583)	Demand - 1 CP	100.000%	\$ (24,583)
4	Reactive Supply and Voltage Control from Gen Sources	\$ 200,218	NA	Reactive Demand - 12 CP	100.000%	\$ 200,218
5	Black Start Service	\$ 15,487	NA	Demand - 12 CP	100.000%	\$ 15,487
6	TO Scheduling System Control and Dispatch Service	\$ 99,371	NA	Energy	99.218%	\$ 98,593
7	NERC/RFC Charges	\$ 41,496	NA	Energy	99.218%	\$ 41,171
8	Firm PTP Transmission Service	\$ -	\$ 435	Demand - 1 CP	100.000%	\$ -
9	Non-Firm PTP Transmission Service	\$ 4,309,324	NA	Demand - 1 CP	100.000%	\$ 4,309,324
10	Network Integration Transmission Service	\$ -		Demand - 1 CP	100.000%	\$ -
11	Expansion Cost Recovery Charges (ECRC)	\$ 369,392	NA	Energy	99.218%	\$ 366,502
12	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 2,748	NA	Energy	99.218%	\$ -
13	Load Response	\$ 608	NA	Energy	99.218%	\$ 604
14	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	\$ -	NA	Energy	99.218%	\$ -
15	Bilateral Charge					
16		TCRR-N SubTotal	\$ 5,800,815	\$ (24,148)		\$ 5,769,923
17	TCRR-N Deferral carrying costs (WPC-1b)					\$ (6,074)
18						
19	Total TCRR-N including carrying costs					\$ 5,763,849

AES Ohio
Case No. 22-0152-EL-RDR
Projected Charges and Revenues
June 2022 - May 2023
(Revenue)/Expense in \$

Data: Forecasted

Type of Filing: Original

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

Workpaper C-1a
Page 12 of 12

May 2023 - Forecast

<u>Line</u> (A)	<u>Description</u> (B)	Total		<u>Type of Charge</u> (E)	<u>Adjustment</u> (F) WPC-1c	Total <u>Net Costs</u> (G) = ((C)+(D)) x (F)
		<u>PJM Bill Charges</u> (C)	<u>PJM Bill Revenues</u> (D)			
1	TCRR-N Costs & Revenues					
2	Transmission Enhancement Charges (RTEP)	\$ 865,027	NA	Demand - 1 CP	100.000%	\$ 865,027
3	Incremental Capacity Transfer Rights Credits	\$ -	\$ (26,891)	Demand - 1 CP	100.000%	\$ (26,891)
4	Reactive Supply and Voltage Control from Gen Sources	\$ 207,161	NA	Reactive Demand - 12 CP	100.000%	\$ 207,161
5	Black Start Service	\$ 15,908	NA	Demand - 12 CP	100.000%	\$ 15,908
6	TO Scheduling System Control and Dispatch Service	\$ 83,620	NA	Energy	99.218%	\$ 82,966
7	NERC/RFC Charges	\$ 44,702	NA	Energy	99.218%	\$ 44,353
8	Firm PTP Transmission Service	\$ -	\$ (3,254)	Demand - 1 CP	100.000%	\$ -
9	Non-Firm PTP Transmission Service	\$ 4,452,968	NA	Demand - 1 CP	100.000%	\$ (3,254)
10	Network Integration Transmission Service	\$ -		Demand - 1 CP	100.000%	\$ 4,452,968
11	Expansion Cost Recovery Charges (ECRC)	\$ 397,636	NA	Demand - 1 CP	100.000%	\$ -
12	PJM Scheduling System Control and Dispatch Service (Admin Fee)	\$ 283	NA	Energy	99.218%	\$ 394,525
13	Load Response	\$ 655	NA	Energy	99.218%	\$ -
14	Consumer Advocates of PJM States, Inc. (CAPS) Funding Charge	\$ -	NA	Energy	99.218%	\$ 650
15	Bilateral Charge			Energy	99.218%	\$ -
16		TCRR-N SubTotal	\$ 6,067,960			\$ 6,033,413
17	TCRR-N Deferral carrying costs (WPC-1b)		\$ (30,145)			\$ (2,472)
18						
19	Total TCRR-N including carrying costs		\$ 6,067,960			\$ 6,030,941

AES Ohio
Case No. 22-0152-EL-RDR
Calculation of Carrying Costs - TCRR-N
January 2021 - May 2023 (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 <u>Balance</u>	New TCRR <u>Charges</u>	Amount <u>(CR)</u>	NET <u>AMOUNT</u>	End of Month before <u>Carrying Cost</u>	Carrying Cost @ <u>4.80%</u>	End of Month <u>Balance</u>	End of Month <u>Balance</u>	Less: One-half Monthly <u>Amount</u>	Total <u>Applicable to Carrying Cost</u>	
		(A)	(B)	(C)	(D)	(E)	(F) (F) = (D) + (E)	(G) (G) = (C) + (F)	(H) (H) = (L) * (4.8% / 12)	(I) (I) = (G) + (H)	(J) (J) = (G)	(K) (K) = - (F) * .5
1	Jan-21	\$ 8,645,524.97	\$ 8,217,120.82	\$ (3,803,104.57)	\$ 4,414,016.25	\$ 13,059,541.22	\$ 43,410.13	\$ 13,102,951.35	\$ 13,059,541.22	\$ (2,207,008.12)	\$ 10,852,533.09	
2	Feb-21	\$ 13,102,951.35	\$ 8,710,455.85	\$ (3,582,599.00)	\$ 5,127,856.85	\$ 18,230,808.20	\$ 62,667.52	\$ 18,293,475.72	\$ 18,230,808.20	\$ (2,563,928.43)	\$ 15,666,879.77	
3	Mar-21	\$ 18,293,475.72	\$ 5,981,814.68	\$ (3,521,763.00)	\$ 2,460,051.68	\$ 20,753,527.40	\$ 78,094.01	\$ 20,831,621.40	\$ 20,753,527.40	\$ (1,230,025.84)	\$ 19,523,501.56	
4	Apr-21	\$ 20,831,621.40	\$ 1,893,805.72	\$ (3,050,783.00)	\$ (1,156,977.28)	\$ 19,674,644.12	\$ 81,012.53	\$ 19,755,656.65	\$ 19,674,644.12	\$ 578,488.64	\$ 20,253,132.76	
5	May-21	\$ 19,755,656.65	\$ 5,963,241.13	\$ (2,844,633.00)	\$ 3,118,608.13	\$ 22,874,264.78	\$ 85,259.84	\$ 22,959,524.63	\$ 22,874,264.78	\$ (1,559,304.07)	\$ 21,314,960.72	
6	Jun-21	\$ 22,959,524.63	\$ 5,941,419.19	\$ (7,852,406.00)	\$ (1,910,986.81)	\$ 21,048,537.82	\$ 88,016.12	\$ 21,136,553.94	\$ 21,048,537.82	\$ 955,493.41	\$ 22,004,031.22	
7	Jul-21	\$ 21,136,553.94	\$ 6,175,319.33	\$ (8,843,834.00)	\$ (2,668,514.67)	\$ 18,468,039.27	\$ 79,209.19	\$ 18,547,248.46	\$ 18,468,039.27	\$ 1,334,257.34	\$ 19,802,296.61	
8	Aug-21	\$ 18,547,248.46	\$ 6,189,251.50	\$ (9,014,164.00)	\$ (2,824,912.50)	\$ 15,722,335.96	\$ 68,539.17	\$ 15,790,875.13	\$ 15,722,335.96	\$ 1,412,456.25	\$ 17,134,792.21	
9	Sep-21	\$ 15,790,875.13	\$ 5,848,690.72	\$ (8,946,549.00)	\$ (3,097,858.28)	\$ 12,693,016.85	\$ 56,967.78	\$ 12,749,984.63	\$ 12,693,016.85	\$ 1,548,929.14	\$ 14,241,945.99	
10	Oct-21	\$ 12,749,984.63	\$ 5,901,198.22	\$ (7,556,775.00)	\$ (1,655,576.78)	\$ 11,094,407.85	\$ 47,688.78	\$ 11,142,096.64	\$ 11,094,407.85	\$ 827,788.39	\$ 11,922,196.24	
11	Nov-21	\$ 11,142,096.64	\$ 5,779,782.56	\$ (7,214,263.00)	\$ (1,434,480.44)	\$ 9,707,616.20	\$ 41,699.43	\$ 9,749,315.62	\$ 9,707,616.20	\$ 717,240.22	\$ 10,424,856.42	
12	Dec-21	\$ 9,749,315.62	\$ 5,651,788.32	\$ (8,006,204.00)	\$ (2,354,415.68)	\$ 7,394,899.94	\$ 34,288.43	\$ 7,429,188.37	\$ 7,394,899.94	\$ 1,177,207.84	\$ 8,572,107.78	
13	Jan-22	\$ 7,429,188.37	\$ 5,993,043.48	\$ (8,838,144.00)	\$ (2,845,100.52)	\$ 4,584,087.85	\$ 24,026.55	\$ 4,608,114.41	\$ 4,584,087.85	\$ 1,422,550.26	\$ 6,006,638.11	
14	Feb-22	\$ 4,608,114.41	\$ 5,341,426.72	\$ (8,825,552.00)	\$ (3,484,125.28)	\$ 1,123,989.13	\$ 11,464.21	\$ 1,135,453.33	\$ 1,123,989.13	\$ 1,742,062.64	\$ 2,866,051.77	
15	Mar-22	\$ 1,135,453.33	\$ 5,869,102.23	\$ (8,358,389.42)	\$ (2,489,287.19)	\$ (1,353,833.86)	\$ (436.76)	\$ (1,354,270.62)	\$ (1,353,833.86)	\$ 1,244,643.60	\$ (109,190.26)	
16	Apr-22	\$ (1,354,270.62)	\$ 5,869,102.23	\$ (7,601,623.94)	\$ (1,732,521.71)	\$ (3,086,792.33)	\$ (8,882.13)	\$ (3,095,674.46)	\$ (3,086,792.33)	\$ 866,260.86	\$ (2,220,531.48)	
17	May-22	\$ (3,095,674.46)	\$ 5,869,102.23	\$ (7,249,000.34)	\$ (1,379,898.11)	\$ (4,475,572.57)	\$ (15,142.49)	\$ (4,490,715.07)	\$ (4,475,572.57)	\$ 689,949.06	\$ (3,785,623.52)	
18	Jun-22	\$ (4,490,715.07)	\$ 5,980,560.49	\$ (5,486,064.48)	\$ 494,496.01	\$ (3,996,219.06)	\$ (16,973.87)	\$ (4,013,192.93)	\$ (3,996,219.06)	\$ (247,248.00)	\$ (4,243,467.06)	
19	Jul-22	\$ (4,013,192.93)	\$ 6,204,569.76	\$ (6,092,917.68)	\$ 111,652.08	\$ (3,901,540.85)	\$ (15,829.47)	\$ (3,917,370.31)	\$ (3,901,540.85)	\$ (55,826.04)	\$ (3,957,366.89)	
20	Aug-22	\$ (3,917,370.31)	\$ 6,225,654.09	\$ (6,321,363.43)	\$ (95,709.34)	\$ (4,013,079.66)	\$ (15,860.90)	\$ (4,028,940.56)	\$ (4,013,079.66)	\$ 47,854.67	\$ (3,965,224.98)	
21	Sep-22	\$ (4,028,940.56)	\$ 5,938,408.57	\$ (5,975,496.46)	\$ (37,087.90)	\$ (4,066,028.45)	\$ (16,189.94)	\$ (4,082,218.39)	\$ (4,066,028.45)	\$ 18,543.95	\$ (4,047,484.50)	
22	Oct-22	\$ (4,082,218.39)	\$ 6,012,641.29	\$ (5,026,444.11)	\$ 986,197.18	\$ (3,096,021.21)	\$ (14,356.48)	\$ (3,110,377.69)	\$ (3,096,021.21)	\$ (493,098.59)	\$ (3,589,119.80)	
23	Nov-22	\$ (3,110,377.69)	\$ 5,889,051.19	\$ (4,731,937.91)	\$ 1,157,113.27	\$ (1,953,264.42)	\$ (10,127.28)	\$ (1,963,391.70)	\$ (1,953,264.42)	\$ (578,556.64)	\$ (2,531,821.06)	
24	Dec-22	\$ (1,963,391.70)	\$ 5,954,692.15	\$ (5,289,253.91)	\$ 665,438.25	\$ (1,297,953.45)	\$ (6,522.69)	\$ (1,304,476.15)	\$ (1,297,953.45)	\$ (332,719.12)	\$ (1,630,672.58)	
25	Jan-23	\$ (1,304,476.15)	\$ 6,078,916.99	\$ (6,374,820.97)	\$ (295,903.98)	\$ (1,600,380.12)	\$ (5,809.71)	\$ (1,606,189.83)	\$ (1,600,380.12)	\$ 147,951.99	\$ (1,452,428.13)	
26	Feb-23	\$ (1,606,189.83)	\$ 5,633,512.09	\$ (6,076,350.76)	\$ (442,838.67)	\$ (2,049,028.50)	\$ (7,310.44)	\$ (2,056,338.94)	\$ (2,049,028.50)	\$ 221,419.33	\$ (1,827,609.17)	
27	Mar-23	\$ (2,056,338.94)	\$ 6,032,130.99	\$ (5,772,850.86)	\$ 259,280.13	\$ (1,797,058.81)	\$ (7,706.80)	\$ (1,804,765.60)	\$ (1,797,058.81)	\$ (129,640.07)	\$ (1,926,698.87)	
28	Apr-23	\$ (1,804,765.60)	\$ 5,769,923.29	\$ (5,197,393.40)	\$ 572,529.89	\$ (1,232,235.71)	\$ (6,074.00)	\$ (1,238,309.71)	\$ (1,232,235.71)	\$ (286,264.95)	\$ (1,518,500.66)	
29	May-23	\$ (1,238,309.71)	\$ 6,033,412.94	\$ (4,792,631.55)	\$ 1,240,781.39	\$ 2,471.68	\$ (2,471.68)	\$ 0.00	\$ 2,471.68	\$ (620,390.69)	\$ (617,919.02)	

AES Ohio
Case No. 22-0152-EL-RDR
Energy and Demand Charge Adjustments for TCRR-N Pilot Program
June 2022 - May 2023

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	Energy Charges Adjustment	
2	Total kWh for All Customers	14,124,839,999
3	Total kWh for TCRR-N Pilot Program Customers	110,478,757
4	% Adjustment for Energy Charges	99.218%
5		
6	Demand 1-CP Charges Adjustment	
7	Zonal 1-CP for All Customers (Non-Pilot Participants) in 2021	2,526,206
8	Zonal 1-CP for TCRR-N Pilot Program Participants Returning to TCRR-N in 2022	0
9	Zonal 1-CP for All Customers (Non-Pilot Participants) in 2022	2,526,206
10	% Adjustment for 1-CP Demand Charges	100.000%
11		
12	Demand 12-CP Charges Adjustment	
13	Zonal 12-CP for All Customers (Non-Pilot Participants) in 2021	2,035,857
14	Zonal 12-CP for TCRR-N Pilot Program Participants Returning to TCRR-N in 2022	-
15	Zonal 12-CP for All Customers (Non-Pilot Participants) in 2022	2,035,857
16	% Adjustment for 1-CP Demand Charges	100.000%

AES Ohio
Case No. 22-0152-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 ¹							
1	Tariff Class						
2	Residential	458,810,810	40.82%	1,097,575	43.45%	817,074	40.13%
3	Secondary	295,291,230	26.27%	761,197	30.13%	620,902	30.50%
4	Primary ²	214,810,041	19.11%	399,522	15.82%	362,258	17.79%
5	Primary Substation	69,530,913	6.19%	112,205	4.44%	104,373	5.13%
6	High Voltage	80,274,676	7.14%	155,707	6.16%	130,098	6.39%
7	Private Outdoor Lighting	1,992,364	0.18%	-	0.00%	414	0.02%
8	Street Lighting	<u>3,168,097</u>	<u>0.28%</u>	<u>-</u>	<u>0.00%</u>	<u>738</u>	<u>0.04%</u>
9	Total	1,123,878,131	100.00%	2,526,206	100.00%	2,035,857	100.00%

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

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

AES Ohio
Case No. 22-0152-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	412,871	376,030
2	- TCRR-N Pilot Participants from 2021	13,349	13,772
3	+ <u>Pilot Participants returning to TCRR-N in 2022</u>	0	0
4	Adjusted Primary Coincident Peaks	399,522	362,258
5			
6	All Primary Substation Customers Coincident Peaks	112,205	104,373
7	- Primary Substation TCRR-N Pilot Participants	0	0
8	+ <u>Pilot Participants returning to TCRR-N in 2022</u>	0	0
9	Adjusted Primary Substation Coincident Peaks	112,205	104,373
10			
11	All High Voltage Customers Coincident Peaks	155,707	130,098
12	- High Voltage TCRR-N Pilot Participants	0	0
13	+ <u>Pilot Participants returning to TCRR-N in 2022</u>	0	0
14	Adjusted High Voltage Coincident Peaks	155,707	130,098

AES Ohio
Case No. 22-0152-EL-RDR
Projected Monthly Billing Determinants
June 2022 - May 2023
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)	2022 Forecast						2023 Forecast						Total Forecast June '22 - May '23 (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	425,547,647	518,421,182	523,746,703	470,971,908	367,577,013	355,682,329	456,295,862	586,918,043	549,941,335	506,858,797	400,108,800	343,660,103	5,505,729,722	kWh
2	Secondary ¹	kWh	291,379,170	322,956,462	335,319,091	322,855,335	271,709,313	237,995,683	264,650,160	321,030,195	304,311,190	300,846,189	283,876,708	286,565,265	3,543,494,762	kWh
3		kW	774,705	822,565	850,755	825,889	742,609	691,295	705,830	834,342	867,009	857,197	801,749	771,928	9,545,874	kW
4		Max kWh	53,584,331	42,606,866	40,308,788	44,737,969	49,780,031	57,254,215	44,953,708	36,282,218	22,102,072	23,317,584	27,533,789	34,677,011	477,138,582	kWh
5	Primary ²	kWh	229,138,407	225,159,033	242,364,083	236,859,980	211,485,871	198,214,844	194,073,673	218,522,831	213,648,637	208,450,922	206,322,581	193,479,625	2,577,720,486	kWh
6		kW	488,657	469,652	488,390	485,770	454,741	443,202	426,108	452,003	449,791	438,435	448,516	449,859	5,495,123	kW
7		Max kWh	4,655,431	3,719,482	3,421,518	3,666,865	4,065,890	5,063,688	7,227,722	6,750,865	2,663,272	2,101,871	3,411,169	3,937,314	50,685,088	kWh
8	Primary Substation ³	kWh	68,723,950	67,461,127	73,149,751	74,786,950	71,801,250	75,653,439	66,991,111	68,967,742	69,308,042	63,744,865	70,969,882	62,812,846	834,370,955	kWh
9		kW	127,505	124,856	125,420	126,568	124,852	132,209	121,620	128,626	123,761	124,510	127,169	129,514	1,516,609	kW
10	High Voltage ³	kWh	81,825,620	84,955,820	90,275,204	89,921,471	82,203,816	77,792,656	75,614,989	79,679,742	78,123,482	74,473,536	77,467,207	70,962,568	963,296,112	kWh
11		kW	165,701	165,170	176,816	167,386	159,358	156,469	147,083	145,504	147,599	146,909	147,090	151,465	1,876,550	kW
12	Private Outdoor Lighting ⁴	kWh	2,086,460	1,932,031	1,934,040	1,934,964	1,913,782	2,031,199	1,894,535	2,081,638	2,011,628	2,021,446	2,042,475	2,024,169	23,908,368	kWh
13	Streetlighting	kWh	3,335,411	3,055,240	3,042,042	3,022,799	3,017,414	3,178,116	2,981,170	3,369,236	3,268,631	3,250,351	3,260,974	3,235,783	38,017,167	kWh
14																
15	Total kWh		1,102,036,665	1,223,940,896	1,269,830,915	1,200,353,408	1,009,708,458	950,548,266	1,062,501,500	1,280,569,426	1,220,612,945	1,159,646,106	1,044,048,627	962,740,360	13,486,537,573	kWh
16	Total kW		1,556,568	1,582,244	1,641,381	1,605,614	1,481,559	1,423,174	1,400,642	1,560,475	1,588,160	1,567,051	1,524,524	1,502,765	18,434,156	kW
17	Secondary Max kWh		53,584,331	42,606,866	40,308,788	44,737,969	49,780,031	57,254,215	44,953,708	36,282,218	22,102,072	23,317,584	27,533,789	34,677,011	477,138,582	kWh
18	Primary Max kWh		4,655,431	3,719,482	3,421,518	3,666,865	4,065,890	5,063,688	7,227,722	6,750,865	2,663,272	2,101,871	3,411,169	3,937,314	50,685,088	kWh

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

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

³ Primary Substation and High Voltage classes have no TCRR-N Pilot Program participants

⁴ Private Outdoor Lighting \$/kWh rates are based on assumed usage

AES Ohio
Case No. 22-0152-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

Line (A)	Description (B)	kWh / Fixture (C)	Jun 2022 - May 2023 (D)	Source (E)
1	Private Outdoor Lighting Rate (\$/kWh)		\$0.0004266	Schedule C-3
2				
3	Private Outdoor Lighting Charge (\$/Fixture/Month)			
4	3,600 Lumens Light Emitting Diode	14	\$0.0059724	Line 1 * Col (C) Line 4
5	8,400 Lumens Light Emitting Diode	30	\$0.0127980	Line 1 * Col (C) Line 5
6	9,500 Lumens High Pressure Sodium	39	\$0.0166374	Line 1 * Col (C) Line 6
7	28,000 Lumens High Pressure Sodium	96	\$0.0409536	Line 1 * Col (C) Line 7
8	7,000 Lumens Mercury	75	\$0.0319950	Line 1 * Col (C) Line 8
9	21,000 Lumens Mercury	154	\$0.0656964	Line 1 * Col (C) Line 9
10	2,500 Lumens Incandescent	64	\$0.0273024	Line 1 * Col (C) Line 10
11	7,000 Lumens Fluorescent	66	\$0.0281556	Line 1 * Col (C) Line 11
12	4,000 Lumens PT Mercury	43	\$0.0183438	Line 1 * Col (C) Line 12

AES Ohio
 Case No. 22-0152-EL-RDR
Projected Monthly Billing Determinants Adjusted for TCRR-N Pilot Program Participants
 June 2022 - May 2023
 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)	2022 Forecast							2023 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	237,745,979	235,484,789	251,946,862	247,024,738	220,980,492	207,283,675	202,876,743	227,424,321	222,637,348	216,613,361	215,788,996	202,391,940
2	- TCRR-N Pilot Participants ¹	8,607,572	10,325,756	9,582,779	10,164,758	9,494,621	9,068,831	8,803,070	8,901,490	8,988,711	8,162,439	9,466,415	8,912,315
3	Adjusted Primary kWh Billing Determinants	229,138,407	225,159,033	242,364,083	236,859,980	211,485,871	198,214,844	194,073,673	218,522,831	213,648,637	208,450,922	206,322,581	193,479,625
4													
5	Projected kW for all Primary Customers	504,588	485,589	505,040	502,153	470,837	460,138	442,070	467,480	465,716	454,559	463,166	465,222
6	- TCRR-N Pilot Participants ²	15,931	15,937	16,651	16,383	16,096	16,937	15,962	15,478	15,924	16,124	14,651	15,363
7	Adjusted Primary kW Billing Determinants	488,657	469,652	488,390	485,770	454,741	443,202	426,108	452,003	449,791	438,435	448,516	449,859
8													
9	Projected kWh for all Primary Substation customers	68,723,950	67,461,127	73,149,751	74,786,950	71,801,250	75,653,439	66,991,111	68,967,742	69,308,042	63,744,865	70,969,882	62,812,846
10	- TCRR-N Pilot Participants ¹	-	-	-	-	-	-	-	-	-	-	-	-
11	Adjusted Primary Substation kWh Billing Determinants	68,723,950	67,461,127	73,149,751	74,786,950	71,801,250	75,653,439	66,991,111	68,967,742	69,308,042	63,744,865	70,969,882	62,812,846
12													
13	Projected kW for all Primary Substation Customers	127,505	124,856	125,420	126,568	124,852	132,209	121,620	128,626	123,761	124,510	127,169	129,514
14	- TCRR-N Pilot Participants ²	-	-	-	-	-	-	-	-	-	-	-	-
15	Adjusted Primary Substation kW Billing Determinants	127,505	124,856	125,420	126,568	124,852	132,209	121,620	128,626	123,761	124,510	127,169	129,514
16													
17	Projected kWh for all High Voltage customers	81,825,620	84,955,820	90,275,204	89,921,471	82,203,816	77,792,656	75,614,989	79,679,742	78,123,482	74,473,536	77,467,207	70,962,568
18	- TCRR-N Pilot Participants ¹	-	-	-	-	-	-	-	-	-	-	-	-
19	Adjusted High Voltage kWh Billing Determinants	81,825,620	84,955,820	90,275,204	89,921,471	82,203,816	77,792,656	75,614,989	79,679,742	78,123,482	74,473,536	77,467,207	70,962,568
20													
21	Projected kW for all High Voltage customers	165,701	165,170	176,816	167,386	159,358	156,469	147,083	145,504	147,599	146,909	147,090	151,465
22	- TCRR-N Pilot Participants ²	-	-	-	-	-	-	-	-	-	-	-	-
23	Adjusted High Voltage kW Billing Determinants	165,701	165,170	176,816	167,386	159,358	156,469	147,083	145,504	147,599	146,909	147,090	151,465

¹ Historical TCRR-N Pilot Participants' kWh (January 2021 through December 2021) for Primary, Primary Substation, and High Voltage tariff classes, respectively.

² Historical TCRR-N Pilot Participants' kW (January 2021 through December 2021) for Primary, Primary Substation, and High Voltage tariff classes, respectively.

AES Ohio
Case No. 22-0152-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

Line	Description	Values	Source
(A)	(B)	(C)	(D)
1	Secondary Total Class Charges	\$20,047,440.65	Schedule B-2
2	Secondary Total Class kWh	<u>3,543,494.762</u>	WPC-3a, Line 2
3	Secondary County Fair Rate	\$0.0056575	Line 1 / Line 2
4			
5			
6	Primary Total Class Charges	\$10,809,496.91	Schedule B-2
7	Primary Total Class kWh	<u>2,577,720.486</u>	WPC-3a, Line 5
8	Primary County Fair Rate	\$0.0041934	Line 6 / Line 7

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in

Case No(s). 22-0152-EL-RDR

Summary: Application of AES Ohio to update its Transmission Cost Recovery Rider
- Non-Bypassable electronically filed by Ms. Sarah Howdeshelt on behalf of AES
Ohio