BEFORE THE

PUBLIC UTILITIES COMMISSION OF OHIO

THE DAYTON POWER AND LIGHT COMPANY D/B/A AES OHIO

CASE NOS. 22-0900-EL-SSO 22-0901-EL-ATA 22-0902-EL-AAM

PUBLIC

DIRECT TESTIMONY OF TYLER A. TEUSCHER

- □ MANAGEMENT POLICIES, PRACTICES, AND ORGANIZATION
- **□** OPERATING INCOME
- □ RATE BASE
- □ ALLOCATIONS
- □ RATE OF RETURN
- RATES AND TARIFFS
- OTHER

BEFORE THE

PUBLIC UTILITIES COMMISSION OF OHIO

DIRECT TESTIMONY OF TYLER A. TEUSCHER

ON BEHALF OF THE DAYTON POWER AND LIGHT COMPANY D/B/A AES OHIO

TABLE OF CONTENTS

| I. | INTRODUCTION | 1 |
|------|---------------------------------------|------|
| II. | PURPOSE OF TESTIMONY | 2 |
| III. | RATE PLAN AND TARIFFS | 3 |
| IV. | DISTRIBUTION DECOUPLING METHODOLOGY | 5 |
| V. | COMPETITIVE BID PROCESS PROXY RESULTS | 8 |
| VI. | ADVANCING STATE POLICY | . 12 |
| VII. | CONCLUSION | . 14 |

I. <u>INTRODUCTION</u>

- 2 Q. Please state your name and business address.
- 3 A. My name is Tyler A. Teuscher. My business address is 1065 Woodman Drive, Dayton,
- 4 Ohio 45432.

1

- 5 Q. By whom and in what capacity are you employed?
- 6 A. I am employed by The Dayton Power and Light Company ("AES Ohio" or the
- 7 "Company") as Director, Rates & Regulatory Affairs.
- 8 Q. How long have you been in your present position?
- 9 A. I assumed my present position in August 2022. Prior to that time, I was Regulatory
- Manager for AES Ohio, responsible for assisting in the overall development, analysis,
- revision, administration, and tracking of rate recovery and compliance with the
- 12 Company's tariff schedules and policies. Prior to that, I was an Analyst in the Regulatory
- Operations department, responsible for all Energy Efficiency, Competitive Retail Market,
- and Wholesale Distribution Service policy issues and regulatory filings at both the Public
- 15 Utilities Commission of Ohio ("PUCO" or the "Commission") and the Federal Energy
- Regulatory Commission ("FERC"). In addition, I was responsible for developing and
- filing several rider true-up and compliance filings.
- 18 Q. What are your responsibilities in your current position?
- 19 A. I am responsible for the overall development, analysis, revision, administration, and
- 20 tracking of rate recovery and compliance with the Company's tariff schedules and
- 21 policies. I am responsible for developing and implementing regulatory strategy and

| 1 | | reviewing regulatory commission orders and legislation that affects the Company's rates |
|----|-----|---|
| 2 | | and overall compliance with State laws and Commission rules. |
| 3 | Q. | Will you describe briefly your educational and business background? |
| 4 | A. | Yes. I received a Bachelor of Science degree in Business Economics and a Bachelor of |
| 5 | | Science degree in Marketing from the University of Kentucky in 2009. I received a |
| 6 | | Master of Business Administration degree from Miami University in 2017. I have been |
| 7 | | employed by AES Ohio since January 2011. |
| 8 | Q. | Have you previously provided testimony before the Public Utilities Commission of |
| 9 | | Ohio? |
| 10 | A. | Yes. I have sponsored testimony before the PUCO in the Company's Distribution Rate |
| 11 | | Cases, Case No. 15-1830-EL-AIR and Case No. 20-1560-EL-AIR, et al. In addition, I |
| 12 | | have sponsored testimony supporting the Commission approved Stipulation and |
| 13 | | Recommendations in AES Ohio's Third and Fourth Energy Efficiency and Peak Demand |
| 14 | | Reduction Program Portfolios, Case Nos. 16-649-EL-POR and 17-1398-EL-POR, |
| 15 | | respectively. Finally, I have sponsored testimony in AES Ohio's request to defer |
| 16 | | distribution decoupling costs in Case No. 20-140-EL-AAM. |
| 17 | II. | PURPOSE OF TESTIMONY |
| 18 | Q. | What is the purpose of this testimony? |
| 19 | A. | The purpose of this testimony is to support the Company's overall rate plan, new tariff |
| 20 | | proposals and updates, the Competitive Bid Process ("CBP") proxy results, Distribution |
| 21 | | Decoupling methodology and recovery, and how the proposed Electric Security Plan |
| 22 | | ("ESP") components advance State policy. |

1 Q. Are you sponsoring any Exhibits?

- 2 A. Yes. I am sponsoring the following exhibits:
- 3 <u>Exhibit TAT-1</u>, which is a tariff summary;
- 4 Exhibit TAT-2, which is a revenue per customer calculation template; and
- 5 <u>Exhibit TAT-3</u>, which are CBP proxy schedules.

6 III. RATE PLAN AND TARIFFS

7 Q. What is AES Ohio's rate plan?

17

8 A. AES Ohio's proposed rate plan continues several riders previously authorized by the 9 Commission and proposes modifications to some to allow for reduced costs to customers 10 and more timely recovery for the Company. AES Ohio is proposing to continue its 11 current Tax Savings Credit Rider, Infrastructure Investment Rider, Transmission Cost 12 Recovery Rider and Energy Efficiency Rider (pending final reconciliation) with no 13 changes. In addition, AES Ohio's rate plan proposes several new riders and tariffs to 14 continue progress in developing a robust distribution system that provides the service and 15 reliability customers expect. Exhibit TAT-1 details the proposed tariff changes in this 16 case, including new riders.

Q. What new Tariffs are AES Ohio proposing in this case?

A. New Tariff proposals in this case include a Distribution Investment Rider ("DIR") and
Proactive Reliability Optimization ("PRO") rider, supported by Company Witness
Adams, a Regulatory Compliance Rider ("RCR") and Green Energy Alternative Tariff
supported by Company Witness Donlon, a Customer Programs Rider ("CPR") and
standard Economic Development Incentive Tariff supported by Company Witness Inman,

| 1 | | an Electric Vehicle Service Equipment ("EVSE") Tariff and Distribution Decoupling |
|----|----|---|
| 2 | | Rider ("DDR") Tariff as explained further below in my testimony. |
| 3 | Q. | What Tariff modifications are AES Ohio proposing in this case? |
| 4 | A. | AES Ohio is proposing modifications to the Storm Cost Recovery Rider to provide |
| 5 | | updates more frequently. This modification is more fully explained by Company Witness |
| 6 | | Donlon. In addition, there are proposed modifications to the Economic Development |
| 7 | | Rider in order to clarify recoverable incentives from the proposed Economic |
| 8 | | Development Incentive Tariff as detailed by Company Witness Inman. Finally, there is a |
| 9 | | modification to the Standard Offer Rate ("SOR") to remove uncollectible expense |
| 10 | | recovery. The SOR is more fully described below. |
| 11 | Q. | What specific Tariff changes are you supporting? |
| 12 | A. | I am supporting Tariff Sheet No. D42 Electric Vehicle Supply Equipment ("EVSE"), |
| 13 | | Tariff Sheet No. D44 Distribution Decoupling Rider which is described in the next |
| 14 | | section, and Tariff Sheet No. G10 Standard Offer Rate which is further described below. |
| 15 | Q. | What is the Electric Vehicle Service Equipment Tariff? |
| 16 | A. | The EVSE tariff provides participating customers EVSE for a fixed, monthly fee and is |
| 17 | | available only to non-residential tariff classes D19-D25. The Tariff is more fully |
| 18 | | explained by Company Witness Elliot. |
| 19 | Q. | Is the current rate design methodology for the SOR changing in this case? |
| 20 | A. | No, the rate design methodology will continue to be as it is today; however, the |
| 21 | | calculation of the rate will remove uncollectible expenses. |

| 1 | Q. | Why are uncollectible expenses being removed from the calculation of the SOR? |
|----|-----|---|
| 2 | A. | Uncollectible expenses are being removed from the SOR because the Company proposed |
| 3 | | that those expenses be recovered in base distribution rates in Case No. 20-1650-EL-AIR, |
| 4 | | et al. If the Commission were to deny AES Ohio's request to include uncollectible |
| 5 | | expenses in base distribution rates, then AES Ohio proposes to recover the uncollectible |
| 6 | | expenses through the RCR. |
| 7 | Q. | Please explain how AES Ohio currently complies with State mandated alternative |
| 8 | | energy targets. |
| 9 | A. | Today, AES Ohio procures and retires the necessary Renewable Energy Credits for |
| 10 | | customers taking generation service on AES Ohio's Standard Service Offer in compliance |
| 11 | | with R.C. 4928.64. The recovery of these costs currently flow through the SOR as they |
| 12 | | are directly attributable to customers taking generation service from AES Ohio's Standard |
| 13 | | Service Offer. |
| 14 | Q. | Will there be a change in the methodology to comply with the alternative energy |
| 15 | | mandates and to recover those costs? |
| 16 | A. | No. |
| 17 | IV. | DISTRIBUTION DECOUPLING METHODOLOGY |
| 18 | Q. | What is decoupling? |
| 19 | A. | The purpose of decoupling is to separate a utility's revenue from customer usage, so that |
| 20 | | it has an opportunity to recover the fixed costs of infrastructure, which do not vary based |
| 21 | | on customer usage. Decoupling mechanisms provide for less volatile customer bills for |

fixed distribution service over time, and provides a reasonable opportunity for a utility to

22

earn its authorized fair rate of return between base rate cases. Decoupling also positions
utilities to provide usage management tools and encourage changes in customer usage
behavior without directly reducing its authorized revenues.

Q. Why is AES Ohio proposing a Distribution Decoupling Rider?

A. AES Ohio's costs to provide distribution service are fixed (i.e., they do not vary based upon customer usage), but AES Ohio's distribution rates have long included volumetric rates. AES Ohio is proposing the DDR to assist the Company in maintaining a consistent authorized fair rate of return, therefore providing the consistent cash flows required to be able to invest in the distribution system and provide customers with reliable electric service. In addition, in a time of rising costs and increased electrification, decoupling promotes price stability. The methodology proposed in this testimony is appropriate because variations in base distribution revenues are caused by several factors, including but not limited to weather, economic downturns, customer program savings, electric vehicle adoption, and improvements in technology.

Q. What is AES Ohio's proposal for the decoupling methodology?

16 A. The Company proposes to implement a revenue per customer ("RPC") decoupling
17 mechanism consistent with the methodology approved in Case No. 15-1830-EL-AIR.
18 The allowed revenue requirement in each year between distribution rate cases will be
19 based on the RPC. The difference between the allowed distribution revenue requirement
20 and the Company's actual distribution revenues in each year represents the distribution
21 decoupling amounts that will be included for recovery in AES Ohio's Distribution
22 Decoupling Rider.

| 1 | Q. | How will AES Ohio utilize this RPC decoupling mechanism to calculate its allowed |
|----|----|---|
| 2 | | revenue requirement? |
| 3 | A. | With this mechanism, AES Ohio will calculate an RPC for the Residential (Tariff Sheet |
| 4 | | No. D17), Residential Heating (Tariff Sheet No. D18), and Secondary (Tariff Sheet No. |
| 5 | | D19) tariff classes using its most recently approved distribution revenue requirement |
| 6 | | divided by the test year number of customers. Annually, the number of actual customers |
| 7 | | will be multiplied by the RPC, generating the Company's allowed revenue requirement |
| 8 | | for the DDR. The calculation of the RPC for the three applicable tariff classes are shown |
| 9 | | in Exhibit TAT-3. |
| 10 | Q. | What is the Distribution Decoupling Rider? |
| 11 | A. | The DDR will collect or credit the decoupling amounts for AES Ohio. The Rider is |
| 12 | | proposed to provide consistent rates to our customers and to help the Company to |
| 13 | | improve the reliability of its distribution system. |
| 14 | Q. | What is included in the proposed Distribution Decoupling Rider? |
| 15 | A. | The DDR will include a reconciliation of the previous period's actual recovery, plus the |
| 16 | | distribution decoupling amount as detailed in this section of my testimony. In addition, |
| 17 | | carrying costs at the most recently approved cost of long-term debt will be calculated |
| 18 | | monthly on the net balance. |
| 19 | Q. | How is AES Ohio proposing to design the rate of the Distribution Decoupling |
| 20 | | Rider? |
| 21 | A. | The Distribution Decoupling Rider will take the net costs or credits as explained above |
| 22 | | and divide them by the annual forecasted base distribution revenue to calculate a |

| 1 | | percentage rate for all customers to be applied to each customer's base distribution |
|----|----|--|
| 2 | | charges, monthly. The initial proposed percentage rate for all customers to be effective |
| 3 | | with approval of this case is 0%. |
| 4 | Q. | Why is AES Ohio proposing to charge the Distribution Decoupling Rider as a |
| 5 | | percentage rate? |
| 6 | A. | The dollars collected through this rider represent base distribution revenue requirements |
| 7 | | and it is appropriate that they be recovered in the same manner. Also, a percentage rate |
| 8 | | that is applied to base distribution revenues represents a simple rate calculation that is |
| 9 | | inherently allocated appropriately to customer classes based on base distribution revenue. |
| 10 | | A percentage rate alleviates the need to develop separate, often complex energy and/or |
| 11 | | demand rates for each customer class. A single rate that applies to all customers is more |
| 12 | | easily understood by the customer. |
| 13 | V. | COMPETITIVE BID PROCESS PROXY RESULTS |
| 14 | Q. | What are the proxy results for the CBP? |
| 15 | A. | The annual proxy auction prices for the term of the ESP are \$78.43, \$64.67, \$57.99, and |
| 16 | | \$57.05 for the period beginning June 1, 2023. |
| 17 | Q. | Please explain the methodology you used in developing these proxy market-based |
| 18 | | auction prices for the CBP. |
| 19 | A. | By way of background, the SSO auction supply contract commonly used in Ohio creates |
| 20 | | a complex fixed-price full requirements product which transfers certain risks to the |
| 21 | | winning auction supplier. These risks include variables such as forward market price |
| 22 | | volatility, day ahead and real time Locational Marginal Pricing ("LMP") price volatility, |

unknown correlations between fuel and power prices, customer energy usage variations, customer switching risks, capacity cost recovery risk, and ancillary services price risk. When a supplier decides to participate in an SSO supply auction, it assigns a value to these various risks and prices those risks into its estimate of the overall cost to serve the SSO Load. Each supplier prices risks differently, based upon institutional beliefs, risk appetite and modeling techniques. These values will affect the price that the suppliers will be willing to bid in the SSO supply auction. Since pricing methodologies employed by suppliers vary, AES Ohio looked to the results of actual supply auctions that have taken place in the most recent Ohio utility SSO auctions to derive a reasonable publicly-available indication of the market's assessment of these risk factors within Ohio.

Q. Did AES Ohio make adjustments to the Ohio utility SSO auction results?

A.

Yes. Starting with the winning prices in each SSO auction, AES Ohio removed known fixed-cost components and the locational energy price differences between the products being solicited in each auction, which left a cost to serve SSO auctions in Ohio at a common point which could be used in projecting auction clearing prices in an AES Ohio CBP. Specifically, for Ohio, this common pricing point is the PJM AEP-Dayton Hub. PJM RPM capacity prices are currently known through May 2023 delivery. This RPM capacity value was removed from the auction clearing price. The remaining price was translated to the common PJM AEP-Dayton Hub by removing the locational energy price difference between the Ohio utility load zones. Using publicly available average PJM day-ahead LMP price differences between the delivery load zone and AEP-Dayton Hub as a proxy, the locational difference was removed, leaving a common cost to supply SSO auctions in Ohio at the AEP-Dayton Hub. Next, this cost to supply was divided by the

| 1 | | forward AEP-Dayton prices for a wholesale block over an equivalent time frame and on |
|----|----|--|
| 2 | | the same day as the auctions. This calculation yielded a ratio between market projections |
| 3 | | and actual auction results. This ratio was then applied to AEP-Dayton forward curves. |
| 4 | Q. | What were the results of these calculations? |
| 5 | A. | This methodology produced fairly consistent results, with an average SSO Auction to |
| 6 | | AEP-Dayton Hub Scaling Factor ("Scaling Factor"), of 1.215 times the AD Hub |
| 7 | | wholesale block price. The single outlier was AES Ohio's most recent auction from April |
| 8 | | 2022, which reflected a Scaling Factor of 1.474. Every other scaling factor fell within a |
| 9 | | range of 1.151 to 1.274. |
| 10 | Q. | What does the weighted average scaling factor in TAT-3.2 represent? |
| 11 | A. | This scaling factor represents a projection of the incremental costs that market |
| 12 | | participants would impute above a flat block product to deliver supply under an SSO |
| 13 | | auction contract, factoring in the risks we described earlier. |
| 14 | Q. | Was each historical auction given equal weight in the projected scaling factor? |
| 15 | A. | No. The scaling factor from AES Ohio's most recent auction in April 2022 reflects that |
| 16 | | auction suppliers priced significantly more risk into their offers. Because this may reflect |
| 17 | | a sustained shift in supplier behavior, especially given the recent volatility in energy |
| 18 | | prices, a 50/50 weighting split was used between the scaling factor of this April 2022 |
| 19 | | auction and the average scaling factor of other Ohio CBP auctions going back to 2019. |
| 20 | Q. | How are forecasted auction prices calculated? |
| 21 | A. | Forward price curves for each of the auction periods and a cost to supply were projected |
| 22 | | to calculate what the market would currently place on AES Ohio's auctions at AEP- |

- Dayton hub. Using a weighted average scaling factor, PJM RPM capacity prices, and
- 2 historical basis between AEP-Dayton hub and the auction delivery point, a final proxy
- 3 AES Ohio CBP auction clearing price was estimated for each auction period.
- 4 Q. Does this calculation appear in any exhibits that you are sponsoring?
- 5 A. Yes. A more detailed explanation is included in Exhibit TAT-3.
- 6 Q. Is that methodology reasonable?

A. Yes, the methodology is reasonable because it represents an unbiased measure of the market's view of the costs and risks of supplying SSO auction load in a CBP, based upon publicly available information. A competitive supplier bidding in the CBP individually would make its own assessments of these costs and risks, choose one or more pricing methodologies to account for them, and adjust the bids it submits in the CBP based on its discretion. Any attempt to imply a particular set of assumptions and pricing methodology would be subjective and speculative. The methodology that has been employed for purposes of projected proxy future auction clearing prices in the CBP in this filing is reasonable because it is based on the results of the recent Ohio utility SSO auctions, which is the confluence of all of the auction participants' assessments regarding pricing. Given that each auction has had multiple winning bidders, the projections represent unbiased supplier views regarding the value of the various costs and risks of supplying SSO load, as reflected by the market's collective view in assessing these costs and risk premiums.

| I | Q. | Does AES Ohio maintain information regarding projected market prices as |
|----|-----|--|
| 2 | | confidential? |
| 3 | A. | Yes. AES Ohio makes reasonable efforts to keep that information private and |
| 4 | | confidential. This information is not generally known within AES Ohio or AES affiliates |
| 5 | | providing services to AES Ohio and is disseminated within those organizations only if |
| 6 | | there is a legitimate business need. This information is derived from proprietary |
| 7 | | information provided to the Company by Wood Mackenzie on a confidential basis. This |
| 8 | | information would be nearly impossible to acquire or duplicate without access to the |
| 9 | | same information. |
| 10 | Q. | Does the information regarding projected market prices derive independent |
| 11 | | economic value from not being publicly available? |
| 12 | A. | Yes. AES Ohio depends on Wood Mackenzie to provide the Company with forward |
| 13 | | market curves, and release of the information, which is competitively sensitive to Wood |
| 14 | | Mackenzie and would reveal its market views. |
| 15 | VI. | ADVANCING STATE POLICY |
| 16 | Q. | How does this ESP advance state policy? |
| 17 | A. | Several new ESP components directly address and support the policies detailed in R.C. |
| 18 | | 4928.02. AES Ohio's plans to increase distribution investments and vegetation |
| 19 | | management expenditure will enhance electric distribution service and service reliability, |
| 20 | | ensuring that consumers receive "adequate, reliable, safe, efficient and reasonably |
| 21 | | priced retail electric service" under R.C. 4928.02(A). The Economic Development |
| 22 | | Incentive Tariff supports the state's economy by incentivizing customers to move to or |

expand within AES Ohio's service territory, providing for new jobs and additional local tax revenues, which will enhance the state's effectiveness in the global economy, in accordance with R.C. 4928.02(N). The Regulatory Compliance Rider and Distribution Decoupling Riders provide for cost recovery of previously authorized costs and consistent cash flows to provide reliable, efficient, and predictable electric bills to customers and are examples of flexible regulatory treatment, consistent with R.C. 4928.02(A) and (G). Finally, the Customer Programs Rider provides cost recovery for innovative customer offerings, including but not limited to, energy efficiency, demand side management and electric vehicle options for customers, consistent with R.C. 4928.02(E).

Q. Does the continuation of other rates and riders advance state policy?

A. Yes. The continuation of the CBP auction process provides ongoing transparency in SSO pricing and aligns with the policy to ensure reasonably priced retail electric service and provides consumers with quality options for retail electric service to meet their respective needs, consistent with R.C. 4928.02(A) and (B). Continuing to include all bypassable components in a single SOR tariff allows customers to more easily understand price-to-compare and select between diverse generation service options, consistent with R.C. 4928.02(B) and (E). The continuation of the Infrastructure Investment Rider ensures that customers have access to demand-side management, time-differentiated pricing, smart grid programs, implementation of advanced metering infrastructure, and various other smart grid technologies, consistent with R.C. 4928.02(D). The TCRR provides customers with reliable retail Transmission service, along with the provision allowing

- some large customers to opt-out ensures customers have access to market choice and a
- 2 variety of price offerings, consistent with R.C. 4928.02(A) and (B).

3 VII. <u>CONCLUSION</u>

- 4 Q. Please summarize your testimony.
- 5 A. The overall rate plan, including new and modified Tariffs, the Competitive Bid Process
- 6 proxy results, and distribution decoupling, is appropriate, aligns with the state policy as
- 7 described in R.C. 4928.02 and should be approved.
- 8 Q. Does this conclude your direct testimony?
- 9 A. Yes.
- 10 4871-9503-7493.1

Tariff Summary

| Unmodified Riders | | | | |
|----------------------------------|--|--|--|--|
| Economic Development Rider | | | | |
| Energy Efficiency Rider | | | | |
| Infrastructure Investment Rider | | | | |
| Tax Savings Credit Rider | | | | |
| Transmission Cost Recovery Rider | | | | |

Modified Riders Storm Cost Recovery Rider Standard Offer Rate

New Riders/Tariffs Customer Programs Rider Distribution Decoupling Rider Distribution Investment Rider Economic Development Incentive Tariff Electric Vehicle Supply Equipment Tariff Green Energy Alternative Tariff Proactive Reliability Optimization Rider

AES Ohio Case No. 22-0900-EL-SSO

Decoupling Rider - Calculation of Revenue Per Customer (RPC)

| | RPC CALCULATION | | | | |
|-------------------|------------------------------------|-----------|------------|-------------------|--------------|
| Approved Approved | | | | Approved | |
| Sheet | Tariff Class | Test Year | Revenue | Base Distribution | Test Year |
| No. | Description | Customers | Allocation | Revenue | RPC |
| (A) | (B) | (C) | (D) | (E) | (F) |
| D17 | Residential | C1 | D1 | D1 * G = E1 | E1 / C1 = F1 |
| D18 | Residential Heat | C2 | D2 | D2 * G = E2 | E2 / C2 = F2 |
| D19 | Secondary | C3 | D3 | D3 * G = E3 | E3 / C3 = F3 |
| | Approved Revenue Requirement (G) G | | | | |

AES Ohio Case No. 22-900-EL-SSO Proxy AES Ohio Auction Results

Exhibit TAT-3 Page 1 of 2

| | | | | | Page 1 01 Z |
|---|------|----------------------------|--------------------------|----------------------------------|----------------------------------|
| _ | | | | Proxy Auction Price for the | Number of Tranches to be |
| | Line | Delivery Start Date | Delivery End Date | Term (\$/MWh) | Auctioned |
| | (A) | (B) | (C) | (D) | (E) |
| | | | | Exhibit TAT-3.1, Page 2, Col (H) | Exhibit TAT-3.1, Page 2, Col (I) |
| | | | | | |
| | 1 | 6/1/2023 | 5/31/2024 | \$82.11 | 35 |
| | 2 | 6/1/2023 | 5/31/2024 | \$82.11 | 25 |
| | 3 | 6/1/2023 | 5/31/2025 | \$72.78 | 40 |
| | 4 | 6/1/2024 | 5/31/2026 | \$59.21 | 40 |
| | 5 | 6/1/2024 | 5/31/2027 | \$58.43 | 20 |
| | 6 | 6/1/2025 | 5/31/2027 | \$55.94 | 20 |
| | 7 | 6/1/2025 | 5/31/2027 | \$55.94 | 20 |
| | 8 | 6/1/2026 | 5/31/2027 | \$56.86 | 20 |
| | 9 | 6/1/2026 | 5/31/2027 | \$56.86 | 20 |
| | | | | | |

AES Ohio Case No. 22-900-EL-SSO Proxy AES Ohio Auction Results

Exhibit TAT-3 Page 2 of 2

| | | | 86 _ 5 |
|------|----------------------------|-------------------|----------------------------------|
| | | | Proxy Auction Price for the Term |
| Line | Delivery Start Date | Delivery End Date | (\$/MWh) |
| (A) | (B) | (C) | (D) * |
| 1 | 6/1/2023 | 5/31/2024 | \$78.38 |
| 2 | 6/1/2024 | 5/31/2025 | \$64.48 |
| 3 | 6/1/2025 | 5/31/2026 | \$57.75 |
| 4 | 6/1/2026 | 5/31/2027 | \$56.81 |

^{*} The Proxy Auction Price for each delivery date is calculated by weighting the auction price for each term shown on page 1 by the respective number of tranches for that term.

AES Ohio Case No. 22-900-EL-SSO CONFIDENTIAL

Proxy AES Ohio CBP Auction Clearing Prices

Exhibit TAT-3.1 Page 1 of 2

| | | | Corporate Fo | recast | | NERC Hours | | | | |
|-----|-----------------------|-----------|--------------|---|-----------|------------|-----------------|----------------------|-------------------|-------------------------|
| | Dell' ex March | 0. | 011 | ATC | 0. | 255 | T-1-1 | | RPM Price (\$/MW- | RPM (\$/MWh @ 50% |
| (A) | Delivery Month (B) | On (C) | Off (D) | ATC (E) | On (F) | Off (G) | Total (H) | Days in Month (I) | day) (J) | LF) (K) |
| (A) | (b) | (C) | (D) | (E) = [(C)*(F) + (D)*(G)] / | (٢) | (6) | (П) | (1) | PJM and Corporate | (N) |
| | _ | | | $\frac{(E) - (C)^{2} (F) + (D)^{2} (G)}{[(F) + (G)]}$ | _ | | (H) = (F) + (G) | (I) = (H)/24 | Forecast | (K) = (I)*(J)/[(H)*50%] |
| 1 | 6/1/2023 | | | | 352 | 368 | 720 | 30 | | |
| 2 | 7/1/2023 | | | | 320 | 424 | 744 | 31 | | |
| 3 | 8/1/2023 | | | | 368 | 376 | 744 | 31 | | |
| 4 | 9/1/2023 | | | | 320 | 400 | 720 | 30 | | |
| 5 | 10/1/2023 | | | | 352 | 392 | 744 | 31 | | |
| 6 | 11/1/2023 | | | | 336 | 384 | 720 | 30 | | |
| 7 | 12/1/2023 | | | | 320 | 424 | 744 | 31 | | |
| 8 | 1/1/2024 | | | | 352 | 392 | 744 | 31 | | |
| 9 | 2/1/2024 | | | | 336 | 360 | 696 | 29 | | |
| 10 | 3/1/2024 | | | | 336 | 408 | 744 | 31 | | |
| 11 | 4/1/2024 | | | | 352 | 368 | 720 | 30 | | |
| 12 | 5/1/2024 | | | | 352 | 392 | 744 | 31 | | |
| 13 | 6/1/2024 | | | | 320 | 400 | 720 | 30 | | |
| 14 | 7/1/2024 | | | | 352 | 392 | 720 744 | 31 | | |
| 15 | 8/1/2024 | | | | 352 | 392 | 744 | 31 | | |
| 16 | 9/1/2024 | | | | 320 | 400 | 720 | 30 | | |
| 17 | 10/1/2024 | | | | 368 | 376 | 744 | 31 | | |
| 18 | 11/1/2024 | | | | 320 | 400 | 720 | 30 | | |
| 19 | | | | | 336 | 408 | 720 | 31 | | |
| 20 | 12/1/2024 | | | | 350 | 408 392 | 744 744 | 31 | | |
| | 1/1/2025 | | | | | | | | | |
| 21 | 2/1/2025 | | | | 320 | 352 | 672 | 28 | | |
| 22 | 3/1/2025 | | | | 336 | 408 | 744 | 31 | | |
| 23 | 4/1/2025 | | | | 352 | 368 | 720 | 30 | | |
| 24 | 5/1/2025 | | | | 336 | 408 | 744 | 31 | | |
| 25 | 6/1/2025 | | | | 336 | 384 | 720 | 30 | | |
| 26 | 7/1/2025 | | | | 352 | 392 | 744 | 31 | | |
| 27 | 8/1/2025 | | | | 336 | 408 | 744 | 31 | | |
| 28 | 9/1/2025 | | | | 336 | 384 | 720 | 30 | | |
| 29 | 10/1/2025 | | | | 368 | 376 | 744 | 31 | | |
| 30 | 11/1/2025 | | | | 304 | 416 | 720 | 30 | | |
| 31 | 12/1/2025 | | | | 352 | 392 | 744 | 31 | | |
| 32 | 1/1/2026 | | | | 336 | 408 | 744 | 31 | | |
| 33 | 2/1/2026 | | | | 320 | 352 | 672 | 28 | | |
| 34 | 3/1/2026 | | | | 352 | 392 | 744 | 31 | | |
| 35 | 4/1/2026 | | | | 352 | 368 | 720 | 30 | | |
| 36 | 5/1/2026 | | | | 320 | 424 | 744 | 31 | | |
| 37 | 6/1/2026 | | | | 352 | 368 | 720 | 30 | | |
| 38 | 7/1/2026 | | | | 368 | 376 | 744 | 31 | | |
| 39 | 8/1/2026 | | | | 336 | 408 | 744 | 31 | | |
| 40 | 9/1/2026 | | | | 336 | 384 | 720 | 30 | | |
| 41 | 10/1/2026 | | | | 352 | 392 | 744 | 31 | | |
| 42 | 11/1/2026 | | | | 320 | 400 | 720 | 30 | | |
| 43 | 12/1/2026 | | | | 352 | 392 | 744 | 31 | | |
| 44 | 1/1/2027 | | | | 320 | 424 | 744 | 31 | | |
| 45 | 2/1/2027 | | | | 320 | 352 | 672 | 28 | | |
| 46 | 3/1/2027 | | | | 368 | 376 | 744 | 31 | | |
| 47 | 4/1/2027 | | | | 352 | 368 | 720 | 30 | | |
| 48 | 5/1/2027 | | | | 320 | 424 | 744 | 31 | | |

AES Ohio Case No. 22-900-EL-SSO

CONFIDENTIAL

Summary of Proxy AES Ohio CBP Auction Terms

Exhibit TAT-3.1 Page 2 of 2

| | Auctio | n Date | 7 | | | | | |
|------|----------|-----------|---------------------|-----------------------|-----------------------|------------------|---------------------------------------|---------------|
| | | | AD Hub Energy Price | | | DAY DA LMP Basis | | |
| Line | Start | End | (\$/MWh) | Scaling Factor | RPM (\$/MWh @ 50% LF) | from AD Hub ** | DP&L Forecasted Energy Price (\$/MWh) | # of Tranches |
| (A) | (B) | (C) | (D) * | (E) | (F) ** | (G) *** | (H) | (1) |
| | | | | Exhibit TAT-3.2, Line | | | | |
| | | | | 35, Col (D) | | | (G) = [(D)*(E)] + (F) | |
| | | | | | | | | |
| 1 | 6/1/2023 | 5/31/2024 | | 1.340 | | | \$82.11 | 35 |
| 2 | 6/1/2023 | 5/31/2024 | | 1.340 | | | \$82.11 | 25 |
| 3 | 6/1/2023 | 5/31/2025 | | 1.340 | | | \$72.78 | 40 |
| 4 | 6/1/2024 | 5/31/2026 | | 1.340 | | | \$59.21 | 40 |
| 5 | 6/1/2024 | 5/31/2027 | | 1.340 | | | \$58.43 | 20 |
| 6 | 6/1/2025 | 5/31/2027 | | 1.340 | | | \$55.94 | 20 |
| 7 | 6/1/2025 | 5/31/2027 | | 1.340 | | | \$55.94 | 20 |
| 8 | 6/1/2026 | 5/31/2027 | | 1.340 | | | \$56.86 | 20 |
| 9 | 6/1/2026 | 5/31/2027 | | 1.340 | | | \$56.86 | 20 |
| 10 | | | | | | | | |
| 11 | | | | | | | | |

16

17

^{*} Col (D) price for each delivery period is calculated by multiplying Col (E) by Col (I) for each delivery month of the period and dividing by the sum of Col (I) for the period on pages 1-3.

^{**} Col (F) price for each delivery period is calculated by multiplying Col (I) by Col (K) for each delivery month of the period and dividing by the sum of Col (I) for the period on pages 1-3.

^{***}Col (G) is the average of the difference in PJM DA LMPs for the 12-month period before the most recent auction

AES Ohio Case No. 22-900-EL-SSO Auction Scaling Factors

Exhibit TAT-3.2 Page 1 of 1

| Line | Company | Auction Date | Scaling Factors | Source |
|------|--------------------------|--------------|-----------------|-----------------------------------|
| (A) | (B) | (C) | (D) | (E) |
| | | | | |
| 1 | First Energy | 1/28/2019 | 1.166 | Exhibit TAT-3.3, Line 8, Col (C) |
| 2 | First Energy | 10/7/2019 | 1.211 | Exhibit TAT-3.3, Line 8, Col (D) |
| 3 | First Energy | 10/7/2019 | 1.253 | Exhibit TAT-3.3, Line 8, Col (E) |
| 4 | First Energy | 1/28/2020 | 1.202 | Exhibit TAT-3.3, Line 8, Col (F) |
| 5 | First Energy | 1/28/2020 | 1.248 | Exhibit TAT-3.3, Line 8, Col (G) |
| 6 | First Energy | 10/5/2020 | 1.274 | Exhibit TAT-3.3, Line 8, Col (H) |
| 7 | First Energy | 1/26/2021 | 1.221 | Exhibit TAT-3.3, Line 8, Col (I) |
| 8 | First Energy | 8/23/2021 | 1.170 | Exhibit TAT-3.3, Line 8, Col (J) |
| 9 | First Energy | 10/4/2021 | 1.214 | Exhibit TAT-3.3, Line 8, Col (K) |
| 10 | First Energy | 3/7/2021 | 1.166 | Exhibit TAT-3.3, Line 8, Col (L) |
| 11 | Duke Energy Ohio | 2/26/2019 | 1.204 | Exhibit TAT-3.4, Line 8, Col (C) |
| 12 | Duke Energy Ohio | 9/10/2019 | 1.226 | Exhibit TAT-3.4, Line 8, Col (D) |
| 13 | Duke Energy Ohio | 2/25/2020 | 1.173 | Exhibit TAT-3.4, Line 8, Col (E) |
| 14 | Duke Energy Ohio | 9/22/2020 | 1.218 | Exhibit TAT-3.4, Line 8, Col (F) |
| 15 | Duke Energy Ohio | 2/23/2021 | 1.221 | Exhibit TAT-3.4, Line 8, Col (G) |
| 16 | Duke Energy Ohio | 9/21/2021 | 1.185 | Exhibit TAT-3.4, Line 8, Col (H) |
| 17 | Duke Energy Ohio | 2/22/2022 | 1.183 | Exhibit TAT-3.4, Line 8, Col (I) |
| 18 | AEP Ohio | 3/5/2019 | 1.182 | Exhibit TAT-3.5, Line 8, Col (C) |
| 19 | AEP Ohio | 11/5/2019 | 1.180 | Exhibit TAT-3.5, Line 8, Col (D) |
| 20 | AEP Ohio | 11/5/2019 | 1.203 | Exhibit TAT-3.5, Line 8, Col (E) |
| 21 | AEP Ohio | 3/24/2020 | 1.229 | Exhibit TAT-3.5, Line 8, Col (F) |
| 22 | AEP Ohio | 3/24/2020 | 1.232 | Exhibit TAT-3.5, Line 8, Col (G) |
| 23 | AEP Ohio | 11/2/2020 | 1.213 | Exhibit TAT-3.5, Line 8, Col (H) |
| 24 | AEP Ohio | 3/9/2021 | 1.227 | Exhibit TAT-3.5, Line 8, Col (I) |
| 25 | AEP Ohio | 11/2/2021 | 1.227 | Exhibit TAT-3.5, Line 8, Col (J) |
| 26 | AEP Ohio | 3/9/2021 | 1.190 | Exhibit TAT-3.5, Line 8, Col (K) |
| 27 | AES Ohio | 3/26/2019 | 1.151 | Exhibit TAT-3.6, Line 8, Col (C) |
| 28 | AES Ohio | 3/26/2019 | 1.178 | Exhibit TAT-3.6, Line 8, Col (D) |
| 29 | AES Ohio | 3/9/2020 | 1.177 | Exhibit TAT-3.6, Line 8, Col (E) |
| 30 | AES Ohio | 3/9/2020 | 1.211 | Exhibit TAT-3.6, Line 8, Col (F) |
| 31 | AES Ohio | 3/22/2021 | 1.226 | Exhibit TAT-3.6, Line 8, Col (G) |
| 32 | AES Ohio | 3/22/2022 | 1.245 | Exhibit TAT-3.6, Line 8, Col (H) |
| 33 | AES Ohio | 4/18/2022 | 1.474 | Exhibit TAT-3.6, Line 8, Col (I) |
| 34 | Waighted Average Cooling | | | EOW of Average of Lines 1 thru 22 |
| 25 | Weighted Average Scaling | | 1 240 | 50% of Average of Lines 1 thru 32 |
| 35 | Factor | | 1.340 | plus 50% of Line 33 |

AES Ohio Case No. 22-900-EL-SSO First Energy Auction Results

Exhibit TAT-3.3 Page 1 of 3

| | | | | | | | | | | | | AD Hub | Prices or | n Auction | Date: | | | | | | | | | | | | | | |
|----------|----------------------------|---------|--------------------|--------------------|---------|--------------------|---------|--------------------|-----------|---------|---------|--------------------|-----------|-----------|----------|---------|---------|----------|----------------|----------------------|--------------------|---------|---------|----------|---------|------------|------------|-----------------------|-------------------|
| | | | 1/28/201 | 9 | | 10/7/201 | 19 | | 1/28/2020 | 0 | | 10/5/202 | 0 | | 1/26/202 | 1 | 8 | 8/23/202 | 1 | | 10/4/202 | 1 | | 3/7/2022 | 2 | | NERC Hours | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Days in |
| Line | Delivery Month | On | Off | ATC* | On | Off | ATC* | On | Off | ATC* | On | Off | ATC* | On | Off | ATC* | On | Off | ATC* | On | Off | ATC* | On | Off | ATC* | On | Off | Total | Month |
| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (1) | (1) | (K) | (L) | (M) | (N) | (O) | (P) | (Q) | (R) | (S) | (T) | (U) | (V) | (W) | (X) | (Y) | (Z) | (AA) | (AB) | (AC) | (AD) |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | (AC) = (AA) + (AB) | (AD) = (AC)/24 |
| 1 | 6/1/2019 7/1/2019 | | \$25.90 \$27.30 | | | | | | | | | | | | | | | | | | | | | | | 320 352 | 400 392 | 720 744 | 30 31 |
| 2 | 8/1/2019 8/1/2019 | | \$27.30 | | | | | | | | | | | | | | | | | | | | | | | 352 | 392 392 | 744 | 31 |
| 4 | 9/1/2019 | | \$25.75 | | | | | | | | | | | | | | | | | | | | | | | 320 | 400 | 720 | 30 |
| 5 | 10/1/2019 | | | \$30.50 | | | | | | | | | | | | | | | | | | | | | | 368 | 376 | 744 | 31 |
| 6 7 | 11/1/2019 12/1/2019 | | | \$29.46 \$32.49 | | | | | | | | | | | | | | | | | | | | | | 320 336 | 400 408 | 720 744 | 30 31 |
| 8 | 1/1/2020 | | | | | | \$40.65 | \$24.36 | \$19.59 | \$21.85 | | | | | | | | | | | | | | | | 352 | 392 | 744 | 31 |
| 9 | 2/1/2020 | | | | | | | \$26.45 | \$21.60 | \$23.83 | | | | | | | | | | | | | | | | 320 | 376 | 696 | 29 |
| 10 | 3/1/2020 | | | | | | | \$26.95 | | | | | | | | | | | | | | | | | | 352 | 392 | 744 | 31 |
| 11 | 4/1/2020 | | | | | | | \$27.80 | | | | | | | | | | | | | | | | | | 352 320 | 368 424 | 720 744 | 30 31 |
| 12 13 | 5/1/2020 6/1/2020 | | | | | | | \$28.60 \$27.60 | | \$23.81 | | | | | | | | | | | | | | | | 320 352 | 424 368 | 744 720 | 31 30 |
| 14 | 7/1/2020 | | | | | | | \$32.20 | | \$27.55 | | | | | | | | | | | | | | | | 368 | 376 | 744 | 31 |
| 15 | 8/1/2020 | | | | | | | \$30.60 | | \$25.28 | | | | | | | | | | | | | | | | 336 | 408 | 744 | 31 |
| 16 | 9/1/2020 | | | | | | | \$30.20 | | \$25.35 | | \$16.55 | | | | | | | | | | | | | | 336 | 384 | 720 | 30 |
| 17 18 | 10/1/2020 11/1/2020 | | | | | | \$25.67 | \$28.85 | \$21.35 | | | \$17.41 \$21.35 | | | | | | | | | | | | | | 352 320 | 392 400 | 744 720 | 31 30 |
| 19 | 12/1/2020 | | | | | | | \$29.70 | | \$27.14 | | | | | | | | | | | | | | | | 352 | 392 | 744 | 31 |
| 20 | 1/1/2021 | \$44.30 | \$35.10 | \$39.06 | \$42.25 | \$34.50 | \$37.83 | \$36.80 | \$29.95 | \$32.90 | \$39.00 | \$28.75 | \$33.16 | | \$22.51 | | | | | | | | | | | 320 | 424 | 744 | 31 |
| 21 | 2/1/2021 | | | | | | | \$34.95 | | | | | | | \$22.85 | | | | | | | | | | | 320 | 352 | 672 | 28 |
| 22 23 | 3/1/2021 4/1/2021 | | | | | | | \$30.35 \$27.30 | | | | | | | | | | | | | | | | | | 368 352 | 376 368 | 744 720 | 31 30 |
| 24 | 5/1/2021 | | | | | | | \$27.85 | | | | | | | \$21.90 | | | | | | | | | | | 320 | 424 | 744 | 31 |
| 25 | 6/1/2021 | | | | | | | \$26.60 | | | | | | | | | | | | | | | | | | 352 | 368 | 720 | 30 |
| 26 | 7/1/2021 | | | | | | | \$32.95 | | | | | | | | | | | | | | | | | | 336 | 408 | 744 | 31 |
| 27 28 | 8/1/2021 9/1/2021 | | | | | | | \$30.20 \$28.85 | | | | | | | | | | | | ¢E2 21 | ¢26.02 | ¢44 E2 | | | | 352 336 | 392 384 | 744 720 | 31 30 |
| 29 | 10/1/2021 | | | | | | | \$27.80 | | | | | | | | | | | | | | | | | | 336 | 408 | 744 | 31 |
| 30 | 11/1/2021 | | | | | | | \$27.70 | | | | | | | | | | | | | | | | | | 336 | 384 | 720 | 30 |
| 31 | 12/1/2021 | | | | | | | \$28.35 | | | | | | | | | | | | | | | | | | 368 | 376 | 744 | 31 |
| 32 33 | 1/1/2022 2/1/2022 | | | | | | | \$36.45 \$33.95 | | | | | | | | | | | | | \$57.35 \$55.40 | | | | | 336 320 | 408 352 | 744 672 | 31 28 |
| 34 | 3/1/2022 | | | | | | | \$29.95 | | | | | | | | | | | | | \$43.55 | | | | | 368 | 376 | 744 | 31 |
| 35 | 4/1/2022 | \$32.60 | \$22.20 | \$27.05 | \$28.20 | \$22.80 | \$25.32 | \$27.15 | \$21.30 | \$24.03 | \$28.15 | \$21.20 | \$24.44 | \$28.30 | \$21.10 | \$24.46 | \$35.75 | \$26.75 | \$30.95 | \$44.50 | \$33.35 | \$38.55 | | | | 336 | 384 | 720 | 30 |
| 36 | 5/1/2022 | | | | | | | \$27.45 | | | | | | | | | | | | | | | | | | 336 | 408 | 744 | 31 |
| 37 38 | 6/1/2022 7/1/2022 | | | | | | | \$27.45 \$32.10 | | | | | | | | | | | | | | | | | | 352 320 | 368 424 | 720 744 | 30 31 |
| 39 | 8/1/2022 | | | | | | | \$30.30 | | | | | | | | | | | | | | | | | | 368 | 376 | 744 | 31 |
| 40 | 9/1/2022 | | | | | | | \$28.45 | | | | | | | | | | | | | | | | | | 336 | 384 | 720 | 30 |
| 41 | 10/1/2022 | | | | | | | \$26.90 | | | | | | | | | | | | | | | | | | 336 | 408 | 744 | 31 |
| 42 | 11/1/2022 | | | | | | | \$27.45 | | | | | | | | | | | | | | | | | | 336 | 384 | 720 744 | 30 |
| 43 44 | 12/1/2022 1/1/2023 | | | | | | | \$28.80 \$36.65 | | | | | | | | | | | | | | | | | | 336 336 | 408 408 | 744 | 31 31 |
| 45 | 2/1/2023 | | | | | | | \$34.10 | | | | | | | | | | | | | \$39.50 | | | | | 320 | 352 | 672 | 28 |
| 46 | 3/1/2023 | | | | | | | \$29.75 | | | | | | | | | | | | | \$31.35 | | | | | 368 | 376 | 744 | 31 |
| 47 | 4/1/2023 5/1/2023 | | | | | | | \$27.70 \$27.45 | | | | | | | | | | | | | | | | | | 320 352 | 400 392 | 720 744 | 30 31 |
| 48 49 | 5/1/2023 | 331.U5 | ş2U.4U | \$25.44 | ⇒27.45 | \$20.60 | \$23.84 | \$27.45 | \$2U.45 | ş23./b | ş27.30 | \$20.30 | \$23.bl | ⇒28.5U | \$19.95 | \$24.UU | ş32.9Ü | 322.25 | ş27.29 | 350.55 | \$24.30 | \$3U.1U | 47.25 | \$33.UU | ş39./4 | 352 | 392 | 744 | 31 |
| 50 | Delivery Periods | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51 | 6/19 - 5/20 | \$38.33 | \$27.85 | \$32.70 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52 | 6/20 - 5/21 6/20 - 5/22 | | | | | \$24.57 \$24.15 | | | | | | | | | | | | | | | | | | | | | | | |
| 53 54 | 6/20 - 5/22 6/20 - 5/21 | | | | 332.2U | 324.15 | \$27.9I | \$30.53 | \$23.24 | \$26.64 | | | | | | | | | | | | | | | | | | | |
| 55 | 6/20 - 5/22 | | | | | | | | \$23.10 | | | | | | | | | | | | | | | | | | | | |
| 56 | 6/21 - 5/22 | | | | | | | | | | \$32.15 | \$23.33 | \$27.46 | | | | | | | | | | | | | | | | |
| 57 | 6/21 - 5/22 | | | | | | | | | | | | | \$32.22 | \$23.08 | \$27.36 | ¢20.00 | ć27.2. | ć22 7° | | | | | | | | | | |
| 58 59 | 6/22 - 5/23 6/22 - 5/23 | | | | | | | | | | | | | | | | \$39.00 | \$27.34 | 332./ δ | \$44.96 | \$32.34 | \$38.22 | | | | | | | |
| 60 | 6/22 - 5/23 | | | | | | | | | | | | | | | | | | | y . 7 .50 | 452.54 | 755.22 | \$62.77 | \$47.52 | \$54.62 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | , ,- | | | | | |

^{*} ATC = (on peak prices * on peak hours + off peak prices * off peak hours) / total hours

AES Ohio Case No. 22-900-EL-SSO First Energy Auction Results

Exhibit TAT-3.3

| | | | | | | | | | | | | | | | | | | | | | | Page 2 of 3 |
|--|------|----------|-----|-----------|-----------|--------------|----------|-----------------|----------|-----------------|----------|--------------------|----------|--------------------|----------|--------------------|----------|-----------------|----------|--------------------|----------|-------------------------------|
| | | - | | | | _ | | | | | | | | | | | | | | | | |
| Second S | | | | | | | | | | | | | | | | | | | | | | |
| Delivery | | L | | NERC Hour | S | J | | | | | | | | | | | | | | | | |
| | | Dolivory | | | | Dave in | | DDN4 (¢ /N4)A/b | | DDN4 /¢ /N4VA/h | | DDN4 /¢ /N4\A/b | | DDN4 /¢ /N4VA/h | | DDN4 / C /N4N4/h | | DDN4 /¢ /N4NA/h | | DDN4 / C /N4NA/h | | RPM (\$/MWh |
| CA (08) CC (19) | Line | - | On | Off | Total | | | | | | | | | | | | | | | | | @ 50% LF) |
| | | | | | | | | | | | | | (M) | | | | | | | | | (V) |
| | | | | | (E) (C) · | | | (11) (C)*(AD)/ | | (1) (1)*(45)/ | | /I.) /I/)*/AD)/ | | (81) (84)*(85) | , | (D) (O)*(AD)/ | | (D) (O)*(AD) | | (T) (C)*(AD)/ | | () () (II)*(AD)/ |
| 2 17/1000 320 400 770 30 5961 5817 5961 | | | | | . , . , | (F) = (F)/24 | | | PIM | | PIM | | PIM | | - | | PIM | | PIM | | PIM | (V) = (U)*(AD)/ [(AC)*50%] |
| 2 77/7019 322 332 744 31 58601 58.17 58001 5 | | | | | (5) | 117-121124 | 1.3141 | [(AC) 3070] | 1300 | [(AC) 3070] | 1200 | <u>[(AC) 5070]</u> | 1.5101 | <u>[(AC) 3070]</u> | 1.2141 | <u>[[AC] 3070]</u> | 1200 | [[AC] 3070] | (3)41 | <u>[[AC] 5070]</u> | 1300 | <u>[[AC] 3070]</u> |
| 8 | | | | | | | | | | | | | | | | | | | | | | \$8.17 |
| 4 9/1/10/19 360 400 770 30 996.07 \$8.17 996.01 \$8.17 996. | _ | | | | | | | | | | | | | | | | | | | | | \$8.17 |
| 5 101/1/019 320 400 720 30 5861 58.17 5861 58.17 5960 58.17 5861 58.17 5861 58.17 5860 5860 58.17 5860 58.17 5860 58.17 5860 58.17 5860 58.17 5860 5860 58.17 5860 58.17 5860 58.17 5860 58.17 5860 5860 58.17 5860 5860 58.17 5860 5860 58.17 5860 5860 58.17 5860 5860 58.17 5860 | | | | | | | | | | | | | | | | | | | | | | \$8.17 |
| 6 11/1/2019 320 400 770 30 588.01 58.17 586. | | | | | | | | | | | | | | | | | | | | | | \$8.17 |
| 7 12/1/2019 339 408 744 31 980.01 \$8.17 980. | | | | | | | | | | | | | | | | | | | | | | \$8.17 \$8.17 |
| 8 11/1/2020 322 392 744 31 598.01 58.17 598. | | | | | | | | | | | | | | | | | | | | | | \$8.17 |
| 9 2/1/2020 320 36 696 29 5801 \$8.17 580.0 | • | | | | | | | | | | | | | | | | | | | | | \$8.17 |
| 11 4/1/2020 352 368 720 360 \$8.01 \$8.17 \$98.01 \$98.01 \$98.01 \$98.01 \$98.01 \$98.01 \$98.01 \$98.01 \$98.01 \$98.01 \$98.01 \$98.01 \$98.01 \$98.01 \$98.01 \$98.01 \$98.01 \$98.01 \$98.01 \$ | | | | | 696 | | | | | | | | | | | | | | | | | \$8.17 |
| 12 5 5 1 7 200 3 30 424 744 31 \$86.0 \$8.17 \$86.0 \$8.17 \$80.0 \$80.0 \$8.17 \$80.0 \$8.17 \$80.0 \$80.0 \$8.17 \$80.0 \$8.17 \$80.0 \$80.0 \$8.17 \$80.0 \$80.0 \$8.17 \$80.0 | 10 | 3/1/2020 | 352 | 392 | 744 | 31 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.07 | \$8.17 |
| 13 6/1/2020 352 368 720 30 \$77.00 \$642 \$77.03 \$642 \$77.03 \$642 \$77.03 \$644 \$77.31 \$6.44 \$77.31 \$ | 11 | 4/1/2020 | 352 | 368 | 720 | 30 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.07 | \$8.17 |
| 14 71/2000 368 376 744 31 \$77.00 \$6.42 \$77.03 \$6.42 \$77.03 \$6.42 \$77.03 \$6.42 \$77.03 \$6.42 \$77.03 \$6.44 \$77.31 \$6.44 | 12 | | | | | | \$98.01 | | \$98.01 | | \$98.01 | | \$98.01 | | \$98.01 | | \$98.01 | | \$98.01 | | \$98.07 | \$8.17 |
| 15 8/1/2000 336 408 744 31 \$77.00 \$6.42 \$77.03 \$6.42 \$77.03 \$6.42 \$77.03 \$6.42 \$77.03 \$6.44 \$77.31 \$6.44 \$77. | | | | | | | | | | | | | | | | | | | | | | \$6.44 |
| 16 91/2020 336 384 720 30 577.00 56.42 577.03 56.42 | | | | | | | | | | | | | | | | | | | | | | \$6.44 |
| 17 10/1/2003 352 392 744 31 577.00 56.42 577.03 56.42 577.03 56.42 577.03 56.42 577.03 56.44 577.31 56.44 577 | | | | | | | | | | | | | | | | | | | | | | \$6.44 |
| 18 11/1/2000 320 400 700 86.42 877.03 86.42 877.03 86.42 877.03 86.42 877.03 86.44 877.31 86.44 | | | | | | | | | | | | | | | | | | | | | | \$6.44 \$6.44 |
| 19 12/1/2020 352 392 744 31 577.00 56.42 577.03 56.42 577.03 56.42 577.03 56.44 577.31 56.44 577 | | | | | | | | | | | | | | | | | | | | | | \$6.44 |
| 20 11/1/2021 320 424 744 31 S77.00 \$6.42 \$77.03 \$6.42 \$77.03 \$6.42 \$77.03 \$6.42 \$77.31 \$6.44 \$77 | | | | | | | | | | | | | | | | | | | | | | \$6.44 |
| 21 2/1/2021 320 352 672 28 577.00 \$6.42 577.03 \$6.42 577.03 \$6.42 577.03 \$6.42 577.03 \$6.44 577.31 \$6.44 577. | | | | | | | | | | | | | | | | | | | | | | \$6.44 |
| 24 | | | | 352 | 672 | 28 | \$77.00 | \$6.42 | | | \$77.03 | | | | \$77.31 | \$6.44 | | \$6.44 | | \$6.44 | \$77.31 | \$6.44 |
| 24 5/1/2021 320 424 744 31 577.00 \$6.42 \$77.03 \$6.42 \$77.03 \$6.42 \$77.03 \$6.44 \$77.31 \$6.44 \$77. | 22 | 3/1/2021 | 368 | 376 | 744 | 31 | \$77.00 | \$6.42 | \$77.03 | \$6.42 | \$77.03 | \$6.42 | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$6.44 |
| 25 6/1/2021 352 368 720 30 \$157.99 \$13.17 \$157.99 \$13.17 \$157.99 \$13.17 \$157.99 \$13.17 \$150.78 \$13.40 \$160.78 \$13.40 \$160.78 \$13.40 \$160.21 \$13.35 \$160.21 \$ | 23 | 4/1/2021 | 352 | 368 | 720 | 30 | \$77.00 | \$6.42 | \$77.03 | \$6.42 | \$77.03 | \$6.42 | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$6.44 |
| 26 7/1/2021 356 408 744 31 \$157.99 \$13.17 \$157.99 \$13.17 \$157.99 \$13.17 \$157.99 \$13.17 \$160.78 \$13.40 \$160.78 \$13.40 \$160.78 \$13.40 \$160.21 \$13.35 \$160.21 \$13.35 \$160.21 \$2 \$2 \$9/1/2021 336 384 720 30 \$157.99 \$13.17 \$157.99 \$13.17 \$157.99 \$13.17 \$160.78 \$13.40 \$160.78 \$13.40 \$160.78 \$13.40 \$160.21 \$13.35 | 24 | | | | | | \$77.00 | | \$77.03 | | \$77.03 | | \$77.31 | | \$77.31 | | \$77.31 | | \$77.31 | | \$77.31 | \$6.44 |
| \$\ \begin{array}{c c c c c c c c c c c c c c c c c c c | | | | | | | | | | | | | | | | | | | | | | \$13.35 |
| 28 9/1/2021 336 384 720 30 \$157.99 \$13.17 \$157.99 \$13.17 \$157.99 \$13.17 \$157.99 \$13.17 \$160.78 \$13.40 \$160.78 \$13.40 \$160.21 \$13.35 \$160.21 \$13.35 \$160.21 \$20.00 \$10.00 \$ | | | | | | | | | | | | | | | | | | | | | | \$13.35 |
| 29 10/1/2021 336 408 744 31 \$157.99 \$13.17 \$157.99 | | | | | | | | | | | | | | | | | | | | | | \$13.35 |
| 30 | | | | | | | | | | | | | | | | | | | | | | \$13.35 \$13.35 |
| 31 12/1/2021 368 376 744 31 \$157.99 \$13.17 \$157.99 \$13.17 \$157.99 \$13.17 \$157.99 \$13.17 \$160.78 \$13.40 \$160.78 \$13.40 \$160.21 \$13.35 \$160.21 | | | | | | | | | | | | | | | | | | | | | | \$13.35 |
| 32 | | | | | | | | | | | | | | | | | | | | | | \$13.35 |
| 33 | | | | | | | | | | | | | | | | | | | | • | | \$13.35 |
| 34 3/1/2022 368 376 744 31 \$157.99 \$13.17 \$157.99 \$13.17 \$157.99 \$13.17 \$157.99 \$13.17 \$160.78 \$13.40 \$160.78 \$13.40 \$160.21 \$13.35 \$160.21 \$13.35 \$160.21 \$33.55 \$160.21 \$ | | | | | | | | | | | | | | | | | | | | | | \$13.35 |
| 36 5/1/2022 336 408 744 31 \$157.99 \$13.17 \$157.99 \$13.17 \$157.99 \$13.17 \$157.99 \$13.17 \$160.78 \$13.40 \$160.78 \$13.40 \$160.21 \$13.35 \$160.21 \$13.35 \$160.21 \$3.35 \$160.21 \$3.35 \$3.40 | 34 | 3/1/2022 | 368 | 376 | 744 | 31 | \$157.99 | \$13.17 | \$157.99 | \$13.17 | \$157.99 | \$13.17 | \$160.78 | \$13.40 | \$160.78 | \$13.40 | \$160.21 | \$13.35 | \$160.21 | \$13.35 | \$160.21 | \$13.35 |
| 37 6/1/2022 352 368 720 30 \$50.09 \$4.17 \$50.09 | 35 | | | | | | \$157.99 | | | | \$157.99 | | \$160.78 | | \$160.78 | | \$160.21 | | | | \$160.21 | \$13.35 |
| 38 7/1/2022 320 424 744 31 \$50.09 \$4.17 \$50.09 \$4.17 \$50.09 \$50.09 \$4.17 \$50.09 \$50.09 \$4.17 \$50.09 \$50.09 \$4.17 \$50.09 \$4.17 \$50.09 \$50.09 \$4.17 \$50. | | | | | | | \$157.99 | \$13.17 | \$157.99 | \$13.17 | \$157.99 | \$13.17 | \$160.78 | \$13.40 | \$160.78 | \$13.40 | | | | • | | \$13.35 |
| 39 8/1/2022 368 376 744 31 \$50.09 \$4.17 \$50.09 | | | | | | | | | | | | | | | | | | | | | | \$4.17 |
| 40 9/1/2022 336 384 720 30 \$50.09 \$4.17 \$50. | | | | | | | | | | | | | | | | | | | | | | \$4.17 |
| 41 10/1/2022 336 408 744 31 \$50.09 \$4.17 \$50.09 \$4.17 \$50.09 \$4.17 42 11/1/2022 336 384 720 30 \$50.09 \$4.17 \$50.09 \$4.17 \$50.09 \$50.09 \$4.17 \$50.09 \$4.17 \$50.09 \$50.09 \$4.17 \$50.09< | | | | | | | | | | | | | | | | | | | | | | \$4.17 |
| 42 11/1/202 336 384 720 30 43 12/1/202 336 408 744 31 44 1/1/2023 336 408 744 31 45 2/1/2023 320 352 672 28 | | | | | | | | | | | | | | | | | | | | • | | \$4.17 \$4.17 |
| 43 12/1/2022 336 408 744 31 \$50.09 \$4.17 \$50.09 \$4.17 \$50.09 \$4.17 \$50.09 \$4.17 \$50.09 \$4.17 \$50.09 \$4.17 \$50.09 \$4.17 \$50.09 \$4.17 \$50.09 \$4.17 \$50.09 \$4.17 \$50.09 \$4.17 \$50.09 \$4.17 \$50.09 \$4.17 \$50.09 \$50.09 \$4.17 \$50.09 \$4.17 \$50.09 \$50.09 \$4.17 \$50.09 \$50.09 \$6.17 \$6.09 \$6.17 \$6.09 \$6.17 \$6.09 \$6.17 \$6.09 \$6.17 \$6.09 \$6.17 \$6.09 \$6.17 \$6.09 \$6.17 \$6.09 \$6.17 \$6.09 \$6.17 \$6.09 \$6.17 \$6.09 \$6.17 \$6.09 \$6.17 \$6.09 \$6.17 \$6.09 \$6.17 \$6.09 \$6.17 \$6.09 \$6.17 \$6.09 \$6.17 \$6.09 \$6.17 \$6.10 \$6.17 \$6.10 \$6.17 \$6. | | | | | | | | | | | | | | | | | | | | | | \$4.17 \$4.17 |
| 44 1/1/2023 336 408 744 31 \$50.09 \$4.17 \$50.09 \$6.17< | | | | | | | | | | | | | | | | | | | | | | \$4.17 \$4.17 |
| 45 2/1/2023 320 352 672 28 \$50.09 \$4.17 \$50.09 \$ | | | | | | | | | | | | | | | | | | | | | | \$4.17 |
| | | | | | | | | | | | | | | | | | | | | | | \$4.17 |
| | 46 | 3/1/2023 | 368 | | | | | | | | | | | | | | | | \$50.09 | | \$50.09 | \$4.17 |
| 47 4/1/2023 320 400 720 30 \$50.09 \$4.17 \$50.09 \$ | 47 | 4/1/2023 | 320 | 400 | 720 | 30 | | | | | | | | | | | \$50.09 | \$4.17 | \$50.09 | \$4.17 | \$50.09 | \$4.17 |
| 48 5/1/2023 352 392 744 31 \$50.09 \$4.17 \$50.09 \$ | 48 | 5/1/2023 | 352 | 392 | 744 | 31 | | | | | | | | | | | \$50.09 | \$4.17 | \$50.09 | \$4.17 | \$50.09 | \$4.17 |

AES Ohio Case No. 22-900-EL-SSO First Energy Auction Results

Exhibit TAT-3.3 Page 3 of 3

| Line | Description | 1/28/2019 Auction Results | 10/7/2019 Auction Results | 10/7/2019 Auction Results | 1/28/2020 Auction Results | 1/28/2020 Auction Results | 10/5/2020 Auction Results | 1/26/2021 Auction Results | 8/23/2021 Auction Results | 10/4/2021 Auction Results | 3/7/2022 Auction Results | Source |
|------|--|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|---|
| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (1) | (J) | (K) | (K) | (L) |
| 1 2 | Auction Results Delivery Period | \$47.92 6/19 - 5/20 | \$41.66 6/20 - 5/21 | \$45.39 6/20 - 5/22 | \$38.65 6/20 - 5/21 | \$42.95 6/20 - 5/22 | | | | | | First Energy Auction Website First Energy Auction Website |
| 3 | Auction Capacity Value * | \$8.17 | \$6.42 | \$9.79 | \$6.42 | \$9.79 | \$13.40 | \$13.40 | \$4.17 | \$4.17 | \$4.17 | See Note Below |
| 4 | Auction Non-Capacity Value | \$39.75 | \$35.24 | \$35.60 | \$32.23 | \$33.16 | \$35.07 | \$33.40 | \$37.93 | \$46.04 | \$63.94 | Line 1 - Line 3 |
| 5 | FE Ohio Residual Aggregate DA LMP Basis from AD Hub ** | \$1.64 | \$0.62 | \$0.62 | \$0.22 | \$0.22 | \$0.07 | \$0.00 | -\$0.40 | -\$0.35 | \$0.23 | See Note Below |
| 6 | Capacity and Basis Removed | \$38.11 | \$34.62 | \$34.97 | \$32.01 | \$32.94 | \$35.00 | \$33.40 | \$38.33 | \$46.39 | \$63.71 | Line 4 - Line 5 |
| 7 | AD Hub Market Price | \$32.70 | \$28.58 | \$27.91 | \$26.64 | \$26.39 | \$27.46 | \$27.36 | \$32.76 | \$38.22 | \$54.62 | Pg 1, ATC Prices from Lines 39-42 |
| 8 | Auction Price/Market Price Ratio | 1.166 | 1.211 | 1.253 | 1.202 | 1.248 | 1.274 | 1.221 | 1.170 | 1.214 | 1.166 | Line 6 / Line 7 |

^{*} For Line 3, Auction Capacity Value is calculated as the sum-product of the relevant RPM Prices and the days in the Delivery Period divided by the sum of the days in the Delivery Period ** Line 5 is the average of the difference in PJM DA LMPs for the 12-month period before the auction date

AES Ohio Case No. 22-900-EL-SSO Duke Energy Ohio Auction Results

Exhibit TAT-3.4 Page 1 of 3

| | ŗ | $\overline{}$ | | | | | | | | ПΑ | O Hub Price | es on Au | ıction Da | te: | | | | | | | | $\overline{}$ | | | | ļ |
|----------|----------------------------|---------------|-----------|---------|--------------------|--------------------|---------|---------|--------------------|---------|--------------------|-----------|-----------|---------|-----------|--------------------|---------|----------|---------|---------|----------|---------------|------------|------------|-----------------|-------------------------|
| | Ţ | 2 | 2/26/2019 | .9 | | 9/10/2019 | 9 | 2 | 2/25/2020 | | | 9/22/2020 | | | 2/23/2021 | 1 | 9 | 9/21/202 | .1 | 2 | 2/22/202 | .2 | | NERC Hour | rs | י נ |
| Line | Delivery Month | On | Off | ATC* | On | Off | ATC* | On | Off | ATC* | On | Off | ATC* | On | Off | ATC* | On | Off | ATC* | On | Off | ATC* | On | Off | Total | Days in Month |
| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (I) | (J) | (K) | (L) | (M) | (N) | (0) | (P) | (Q) | (R) | (S) | (T) | (U) | (V) | (W) | (X) | (Y) | (Z) | (AA) |
| | | | | | | | | | | | | | | | | | | | | | | | | | | ŀ |
| | | | | | | | | | | | | | | | | | | | | | | | | | (Z) = (X) + (Y) | <u>()</u> (AA) = (Z)/24 |
| 1 | 6/1/2019 | ¢26.05 | \$25.45 | ¢20.16 | | | | | | | | | | | | | | | | | | | 320 | 400 | 720 | 30 |
| 2 | 7/1/2019 | | \$25.45 | | | | | | | | | | | | | | | | | | | | 352 | 392 | 720 | 31 |
| 3 | 8/1/2019 | | \$24.95 | | | | | | | | | | | | | | | | | | | | 352 | 392 | 744 | 31 |
| 4 | 9/1/2019 | | | | | \$22.27 | | | | | | | | | | | | | | | | | 320 | 400 | 720 | 30 |
| 5 6 | 10/1/2019 11/1/2019 | | | | \$31.80 \$31.65 | \$22.55 | | | | | | | | | | | | | | | | | 368 320 | 376 400 | 744 720 | 31 30 |
| ь 7 | 12/1/2019 | | | | \$31.65 | | | | | | | | | | | | | | | | | | 320 336 | 400 408 | 720 744 | 30 31 |
| 8 | 1/1/2020 | | | | \$44.30 | | | | | | | | | | | | | | | | | | 352 | 392 | 744 | 31 |
| 9 | 2/1/2020 | | | | \$40.20 | | | \$22.21 | \$18.65 | \$20.29 | | | | | | | | | | | | | 320 | 376 | 696 | 29 |
| 10 | 3/1/2020 | | | | | \$25.95 | | | \$19.75 | | | | | | | | | | | | | | 352 | 392 | 744 | 31 |
| 11 | 4/1/2020 | | | | \$31.15 | | | | \$19.95 | | | | | | | | | | | | | | 352 | 368 | 720 | 30 |
| 12 13 | 5/1/2020 6/1/2020 | | | | \$30.55 | \$21.40 \$21.25 | | | \$19.15 \$19.05 | | | | | | | | | | | | | | 320 352 | 424 368 | 744 720 | 31 30 |
| 13 | 7/1/2020 | | | | \$34.40 | | | | \$22.00 | | | | | | | | | | | | | | 352 368 | 376 | 720 | 30 |
| 15 | 8/1/2020 | | | | \$31.45 | | | | \$20.10 | | | | | | | | | | | | | | 336 | 408 | 744 | 31 |
| 16 | 9/1/2020 | \$35.20 | \$23.70 | \$29.07 | \$31.80 | \$21.40 | \$26.25 | \$29.65 | \$21.05 | \$25.06 | \$23.97 | | | | | | | | | | | | 336 | 384 | 720 | 30 |
| 17 | 10/1/2020 | | | | \$28.85 | | | | | | \$24.45 | | | | | | | | | | | | 352 | 392 | 744 | 31 |
| 18 | 11/1/2020 | | | | | \$23.35 | | | | | \$27.50 | | | | | | | | | | | | 320 352 | 400 | 720 744 | 30 |
| 19 20 | 12/1/2020 1/1/2021 | | | | \$41.50 | \$24.65 \$33.50 | | | | | \$31.75 \$39.45 | | | | | | | | | | | | 352 320 | 392 424 | 744 | 31 31 |
| 21 | 2/1/2021 | | | | \$39.20 | | | | | | \$36.90 | | | \$52.32 | \$35.88 | \$43.71 | | | | | | | 320 | 352 | 672 | 28 |
| 22 | 3/1/2021 | | | | \$32.15 | | | | | | \$33.30 | | | | | | | | | | | | 368 | 376 | 744 | 31 |
| 23 | 4/1/2021 | | | | \$29.20 | | | | | | \$31.20 | | | | | | | | | | | | 352 | 368 | 720 | 30 |
| 24 | 5/1/2021 | | | | \$28.65 | | | | | | \$31.35 | | | | | | | | | | | | 320 | 424 | 744 | 31 |
| 25 | 6/1/2021 | | | | \$28.40 | | | | | | \$30.50 | | | | | | | | | | | | 352 | 368 | 720 | 30 |
| 26 27 | 7/1/2021 8/1/2021 | | | | | \$23.35 \$21.45 | | | | | \$35.35 \$32.50 | | | | | | | | | | | | 336 352 | 408 392 | 744 744 | 31 31 |
| 28 | 9/1/2021 | | | | \$29.35 | | | | | | | | | | | \$26.89 | \$52.15 | \$38.00 | \$44.60 | | | | 336 | 384 | 720 | 30 |
| 29 | 10/1/2021 | \$31.80 | \$22.05 | \$26.45 | \$28.15 | \$20.85 | \$24.15 | \$27.80 | \$20.05 | \$23.55 | \$31.20 | \$22.80 | \$26.59 | \$30.95 | \$21.50 | \$25.77 | \$52.25 | \$40.90 | \$46.03 | | | | 336 | 408 | 744 | 31 |
| 30 | 11/1/2021 | | | | \$28.15 | | | | | | | | | | | \$27.02 | | | | | | | 336 | 384 | 720 | 30 |
| 31 | 12/1/2021 | | | | | \$24.25 | | | | | | | | | | \$28.73 | | | | | | | 368 | 376 | 744 | 31 |
| 32 33 | 1/1/2022 2/1/2022 | | | | | \$32.15 \$29.45 | | | | | | | | | | \$36.08 \$33.99 | | | | | \$41.90 | \$44 71 | 336 320 | 408 352 | 744 672 | 31 28 |
| 34 | 3/1/2022 | | | | \$29.45 | | | | | | | | | | | \$28.49 | | | | | | | 368 | 376 | 744 | 31 |
| 35 | 4/1/2022 | | | | \$27.55 | | | | | | | | | | | \$24.48 | | | | | | | 336 | 384 | 720 | 30 |
| 36 | 5/1/2022 | | | | \$27.10 | | | | | | | | | | | \$24.56 | | | | | | | 336 | 408 | 744 | 31 |
| 37 | 6/1/2022 | | | | | | \$24.18 | | | | | | | | | | | | | | | | 352 | 368 | 720 | 30 |
| 38 39 | 7/1/2022 8/1/2022 | | | | \$33.10 \$31.10 | | | | | | | | | | | \$27.96 \$27.21 | | | | | | | 320 368 | 424 376 | 744 744 | 31 31 |
| 40 | 9/1/2022 | | | | | \$20.85 | | | | | | | | | | \$27.21 | | | | | | | 336 | 376 | 744 | 30 |
| 41 | 10/1/2022 | | | | \$27.40 | | | | | | | | | | | \$24.31 | | | | | | | 336 | 408 | 744 | 31 |
| 42 | 11/1/2022 | | | | \$27.20 | | | | | | | | | | | \$25.16 | | | | | | | 336 | 384 | 720 | 30 |
| 43 | 12/1/2022 | | | | \$28.50 | | | | | | | | | | | \$26.54 | | | | | | | 336 | 408 | 744 | 31 |
| 44 | 1/1/2023 | | | | \$36.65 | | | | | | | | | | | \$33.14 | | | | | | | 336 | 408 | 744 | 31 |
| 45 46 | 2/1/2023 3/1/2023 | | | | | \$29.35 \$25.25 | | | | | | | | | | \$30.49 \$26.37 | | | | | | | 320 368 | 352 376 | 672 744 | 28 31 |
| 47 | 4/1/2023 | | | | | | \$24.49 | | | | | | | | | | | | | | | | 320 | 400 | 720 | 30 |
| 48 | 5/1/2023 | | | | | | \$23.62 | | | | | | | | | | | | | | | | 352 | 392 | 744 | 31 |
| 49 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <u>Delivery Periods</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51 | | \$36.35 | \$26.06 | \$30.85 | | ć24.00 | ¢27.40 | | | | | | | | | | | | | | | | | | | |
| 52 53 | 6/20 - 5/22 6/20 - 5/22 | | | | \$31.47 | \$24.00 | \$27.49 | \$29.81 | \$22.77 | \$26.06 | | | | | | | | | | | | | | | | |
| 54 | 6/20 - 5/22 | | | | | | | ÿ23.U1 | ¥22.77 | \$20.00 | | \$23.38 | \$27.64 | | | | | | | | | | | | | |
| 55 | 6/21 - 5/22 | | | | | | | | | | T | **** | | \$33.25 | \$24.06 | \$28.36 | | | | | | | | | | |
| 56 | 6/22 - 5/23 | | | | | | | | | | | | | | | | \$42.51 | \$30.13 | \$35.89 | | | | | | | |
| 57 | 6/22 - 5/23 | | | | | | | | | | | | | | | | | | | \$56.29 | \$43.37 | \$49.38 | | | | |

^{*} ATC = (on peak prices * on peak hours + off peak prices * off peak hours) / total hours

AES Ohio Case No. 22-900-EL-SSO Duke Energy Ohio Auction Results

Exhibit TAT-3.4 Page 2 of 3

| | | | | | _ | | | | | | | | | | | | | | |
|----------|-----------------------|------------|------------|-----------------|---------------|----------------------|------------------|----------------------|------------------|----------------------|------------------|----------------------|------------------|----------------------|-----------------|----------------------|-------------------|----------------------|-------------------|
| | | | NERC Hours | | | RPM Price | | RPM Price | | RPM Price | | RPM Price | | RPM Price | | RPM Price | | | |
| | | | | | | *** | RPM (\$/MWh | *** | | | | *** | RPM (\$/MWh | (\$/MW-day) at | | (11 | | RPM Price (\$/MW- | |
| Line | Delivery Month | On | Off | Total | Days in Month | 2/26/2019 | @ 50% LF) | 9/10/2019 | @ 50% LF) | 2/25/2020 | @ 50% LF) | 9/22/2020 | @ 50% LF) | 2/23/2021 | @ 50% LF) | 9/21/2021 | | day) at 2/22/2022 | |
| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (1) | (1) | (K) | (L) | (M) | (N) | (O) | (P) | (Q) | (R) | (S) | (T) |
| | | | | | | | (H) = (G)*(AA)/ | | (J) = (I)*(AA)/ | | (L) = (K)*(AA)/ | | (N) = (M)*(AA)/ | | (P) = (O)*(AA)/ | | (R) = (Q)*(AA)/ | , | (T) = (S)*(AA)/ |
| | | | | (E) = (C) + (D) | (F) = (E)/24 | PJM | [(Z)*50%] | PJM | [(Z)*50%] | PJM | [(Z)*50%] | PJM | [(Z)*50%] | PJM | [(Z)*50%] | PJM | [(Z)*50%] | PJM | [(Z)*50%] |
| | | | | ., ., ., | | · | | | | _ | | | | | | | | _ | |
| 1 | 6/1/2019 | 320 | 400 | 720 | 30 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | \$8.17 | \$98.07 | \$8.17 |
| 2 | 7/1/2019 | 352 | 392 | 744 | 31 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | | \$98.01 | \$8.17 | \$98.07 | \$8.17 |
| 3 | 8/1/2019 | 352 | 392 | 744 | 31 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | | \$98.01 | \$8.17 | \$98.07 | \$8.17 |
| 4 5 | 9/1/2019 10/1/2019 | 320 368 | 400 376 | 720 744 | 30 31 | \$98.01 \$98.01 | \$8.17 \$8.17 | \$98.01 \$98.01 | \$8.17 \$8.17 | \$98.01 \$98.01 | \$8.17 \$8.17 | \$98.01 \$98.01 | \$8.17 \$8.17 | \$98.01 \$98.01 | | \$98.01 \$98.01 | \$8.17 \$8.17 | \$98.07 \$98.07 | \$8.17 \$8.17 |
| 6 | 11/1/2019 | 308 | 400 | 744 | 30 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | | \$98.01 | \$8.17 | \$98.07 | \$8.17 |
| 7 | 12/1/2019 | 336 | 408 | 744 | 31 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | | \$98.01 | \$8.17 | \$98.07 | \$8.17 |
| 8 | 1/1/2020 | 352 | 392 | 744 | 31 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | | \$98.01 | \$8.17 | \$98.07 | \$8.17 |
| 9 | 2/1/2020 | 320 | 376 | 696 | 29 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | | \$98.01 | \$8.17 | \$98.07 | \$8.17 |
| 10 | 3/1/2020 | 352 | 392 | 744 | 31 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | | \$98.01 | \$8.17 | \$98.07 | \$8.17 |
| 11 | 4/1/2020 | 352 | 368 | 720 | 30 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | | \$98.01 | \$8.17 | \$98.07 | \$8.17 |
| 12 | 5/1/2020 | 320 | 424 | 744 | 31 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.07 | \$8.17 |
| 13 | 6/1/2020 | 352 | 368 | 720 | 30 | \$103.53 | \$8.63 | \$103.66 | \$8.64 | \$103.66 | \$8.64 | \$104.50 | \$8.71 | \$104.50 | \$8.71 | \$104.50 | \$8.71 | \$104.50 | \$8.71 |
| 14 | 7/1/2020 | 368 | 376 | 744 | 31 | \$103.53 | \$8.63 | \$103.66 | \$8.64 | \$103.66 | \$8.64 | \$104.50 | | \$104.50 | | \$104.50 | \$8.71 | \$104.50 | \$8.71 |
| 15 | 8/1/2020 | 336 | 408 | 744 | 31 | \$103.53 | \$8.63 | \$103.66 | | \$103.66 | \$8.64 | \$104.50 | | \$104.50 | | \$104.50 | \$8.71 | \$104.50 | \$8.71 |
| 16 | 9/1/2020 | 336 | 384 | 720 | 30 | \$103.53 | \$8.63 | \$103.66 | \$8.64 | \$103.66 | \$8.64 | \$104.50 | | \$104.50 | | \$104.50 | \$8.71 | \$104.50 | \$8.71 |
| 17 | 10/1/2020 | 352 | 392 | 744 | 31 | \$103.53 | \$8.63 | \$103.66 | | \$103.66 | \$8.64 | \$104.50 | | \$104.50 | | \$104.50 | \$8.71 | \$104.50 | \$8.71 |
| 18 | 11/1/2020 | 320 | 400 | 720 | 30 | \$103.53 | \$8.63 | \$103.66 | \$8.64 | \$103.66 | \$8.64 | \$104.50 | | \$104.50 | | \$104.50 | \$8.71 | \$104.50 | \$8.71 |
| 19 | 12/1/2020 | 352 | 392 | 744 | 31 | \$103.53 | \$8.63 | \$103.66 | \$8.64 | \$103.66 | \$8.64 | \$104.50 | | \$104.50 | | \$104.50 | \$8.71 | \$104.50 | \$8.71 |
| 20 21 | 1/1/2021 2/1/2021 | 320 320 | 424 | 744 672 | 31 28 | \$103.53 | \$8.63 \$8.63 | \$103.66 | \$8.64 \$8.64 | \$103.66 | \$8.64 \$8.64 | \$104.50 | | \$104.50 | | \$104.50 | \$8.71 \$8.71 | \$104.50 | \$8.71 \$8.71 |
| 21 | 3/1/2021 | 368 | 352 376 | 672 744 | 31 | \$103.53 \$103.53 | \$8.63 | \$103.66 \$103.66 | | \$103.66 \$103.66 | \$8.64 | \$104.50 \$104.50 | | \$104.50 \$104.50 | | \$104.50 \$104.50 | \$8.71 | \$104.50 \$104.50 | \$8.71 \$8.71 |
| 23 | 4/1/2021 | 352 | 368 | 720 | 30 | \$103.53 | \$8.63 | \$103.66 | \$8.64 | \$103.66 | \$8.64 | \$104.50 | | \$104.50 | | \$104.50 | \$8.71 | \$104.50 | \$8.71 |
| 24 | 5/1/2021 | 320 | 424 | 744 | 31 | \$103.53 | \$8.63 | \$103.66 | \$8.64 | \$103.66 | \$8.64 | \$104.50 | | \$104.50 | | \$104.50 | \$8.71 | \$104.50 | \$8.71 |
| 25 | 6/1/2021 | 352 | 368 | 720 | 30 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$142.71 | \$11.89 | \$142.71 | | \$142.16 | \$11.85 | \$142.16 | \$11.85 |
| 26 | 7/1/2021 | 336 | 408 | 744 | 31 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$142.71 | | \$142.71 | | \$142.16 | \$11.85 | \$142.16 | \$11.85 |
| 27 | 8/1/2021 | 352 | 392 | 744 | 31 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$142.71 | | \$142.71 | | \$142.16 | \$11.85 | \$142.16 | \$11.85 |
| 28 | 9/1/2021 | 336 | 384 | 720 | 30 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$142.71 | \$11.89 | \$142.71 | \$11.89 | \$142.16 | \$11.85 | \$142.16 | \$11.85 |
| 29 | 10/1/2021 | 336 | 408 | 744 | 31 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$142.71 | \$11.89 | \$142.71 | \$11.89 | \$142.16 | \$11.85 | \$142.16 | \$11.85 |
| 30 | 11/1/2021 | 336 | 384 | 720 | 30 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$142.71 | \$11.89 | \$142.71 | \$11.89 | \$142.16 | \$11.85 | \$142.16 | \$11.85 |
| 31 | 12/1/2021 | 368 | 376 | 744 | 31 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$142.71 | | \$142.71 | | \$142.16 | \$11.85 | \$142.16 | \$11.85 |
| 32 | 1/1/2022 | 336 | 408 | 744 | 31 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$142.71 | | \$142.71 | | \$142.16 | \$11.85 | \$142.16 | \$11.85 |
| 33 | 2/1/2022 | 320 | 352 | 672 | 28 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$142.71 | \$11.89 | \$142.71 | | \$142.16 | \$11.85 | \$142.16 | \$11.85 |
| 34 | 3/1/2022 | 368 | 376 | 744 | 31 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$142.71 | | \$142.71 | | \$142.16 | \$11.85 | \$142.16 | \$11.85 |
| 35 | 4/1/2022 | 336 | 384 | 720 | 30 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$142.71 | | \$142.71 | | \$142.16 | \$11.85 | \$142.16 | \$11.85 |
| 36 37 | 5/1/2022 6/1/2022 | 336 352 | 408 368 | 744 720 | 31 30 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$142.71 | \$11.89 | \$142.71 | \$11.89 | \$142.16 | \$11.85 \$4.95 | \$142.16 | \$11.85 \$4.95 |
| 38 | 7/1/2022 | 320 | 308 424 | 720 744 | 31 | | | | | | | | | | | \$59.38 \$59.38 | \$4.95 \$4.95 | \$59.38 | \$4.95 \$4.95 |
| 38 39 | 8/1/2022 | 368 | 424 376 | 744 | 31 | | | | | | | | | | | \$59.38 \$59.38 | \$4.95 \$4.95 | \$59.38 \$59.38 | \$4.95 \$4.95 |
| 40 | 9/1/2022 | 336 | 384 | 720 | 30 | | | | | | | | | | | \$59.38 | \$4.95 | \$59.38 | \$4.95 |
| 41 | 10/1/2022 | 336 | 408 | 744 | 31 | | | | | | | | | | | \$59.38 | \$4.95 | \$59.38 | \$4.95 |
| 42 | 11/1/2022 | 336 | 384 | 720 | 30 | | | | | | | | | | | \$59.38 | \$4.95 | \$59.38 | \$4.95 |
| 43 | 12/1/2022 | 336 | 408 | 744 | 31 | | | | | | | | | | | \$59.38 | \$4.95 | \$59.38 | \$4.95 |
| 44 | 1/1/2023 | 336 | 408 | 744 | 31 | | | | | | | | | | | \$59.38 | \$4.95 | \$59.38 | \$4.95 |
| 45 | 2/1/2023 | 320 | 352 | 672 | 28 | | | | | | | | | | | \$59.38 | \$4.95 | \$59.38 | \$4.95 |
| 46 | 3/1/2023 | 368 | 376 | 744 | 31 | | | | | | | | | | | \$59.38 | \$4.95 | \$59.38 | \$4.95 |
| 47 | 4/1/2023 | 320 | 400 | 720 | 30 | | | | | | | | | | | \$59.38 | \$4.95 | \$59.38 | \$4.95 |
| 48 | 5/1/2023 | 352 | 392 | 744 | 31 | | | | | | | | | | | \$59.38 | \$4.95 | \$59.38 | \$4.95 |

AES Ohio Case No. 22-900-EL-SSO Duke Energy Ohio Auction Results

Exhibit TAT-3.4 Page 3 of 3

| Line | Description | 2/26/2019 9 Auction Results | 9/10/2019 Auction Results | 2/25/2020 Auction Results | 9/22/2020 Auction Results | 2/23/2021 Auction Results | 9/21/2021 Auction 2 Results | Results | Source |
|----------------------|-------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|---------|-----------------------------------|
| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (1) | (J) |
| 1 Auction Results | | \$48.12 | \$44.21 | \$41.14 | \$45.85 | \$46.00 |) \$47.99 | \$64.78 | Duke Energy Auction Website |
| 2 Delivery Period | | 6/19 - 5/22 | 6/20 - 5/22 | 6/20 - 5/22 | · | | · · | · · | Duke Energy Auction Website |
| 3 Auction Capacity | /alue * | \$9.50 | \$10.17 | \$10.17 | \$11.89 | | | \$4.95 | 0, |
| 4 Auction Non-Capa | city Value | \$38.62 | \$34.04 | \$30.97 | \$33.96 | \$34.11 | \$43.04 | \$59.83 | Line 1 - Line 3 |
| 5 DEOK DA LMP Bas | is from AD Hub ** | \$1.48 | \$0.33 | \$0.41 | \$0.28 | -\$0.53 | \$0.49 | \$1.42 | See Note Below |
| 6 Capacity and Basis | Removed | \$37.14 | \$33.71 | \$30.56 | \$33.68 | \$34.63 | \$42.55 | \$58.41 | Line 4 - Line 5 |
| 7 AD Hub Market Pr | rice | \$30.85 | \$27.49 | \$26.06 | \$27.64 | \$28.36 | \$35.89 | \$49.38 | Pg 1, ATC Prices from Lines 51-57 |
| 8 Auction Price/Mai | ket Price Ratio | 1.204 | 1.226 | 1.173 | 1.218 | 1.221 | 1.185 | 1.183 | Line 6 / Line 7 |

^{*} For Line 3, Auction Capacity Value is calculated as the sum-product of the relevant RPM Prices and the days in the Delivery Period divided by the sum of the days in the Delivery Period

^{**} Line 5 is the average of the difference in PJM DA LMPs for the 12-month period before the auction date

AES Ohio Case No. 22-900-EL-SSO AEP Ohio Auction Results

Exhibit TAT-3.5 Page 1 of 3

| | | | | | | | | | | AD | | ces on Au | | | | | | | | | | | | | | |
|----------|----------------------------|---------|--------------------|--------------------|---------|--------------------|---------|--------------------|----------|---------|---------|-----------|---------|---------|---------|---------|---------|----------|---------|---------|----------|---------|------------|------------|-----------------|--------------|
| | | | 3/5/201 | 9 | | 11/5/201 | 9 | 3 | 3/24/202 | 0 | | 11/2/202 | 0 | | 3/9/202 | ! | | 11/2/202 | 1 | | 3/8/2022 | 2 | | NERC Hours | | Days in |
| Line | Delivery Month | On | Off | ATC* | On | Off | ATC* | On | Off | ATC* | On | Off | ATC* | On | Off | ATC* | On | Off | ATC* | On | Off | ATC* | On | Off | Total | Month |
| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (1) | (1) | (K) | (L) | (M) | (N) | (0) | (P) | (Q) | (R) | (S) | (T) | (U) | (V) | (W) | (X) | (Y) | (Z) | (AA) |
| | | | | | | | | | | | | | | | | | | | | | | | | | (Z) = (X) + (Y) | (AA) = (Z)/2 |
| 1 | 6/1/2019 | \$35.90 | \$25.50 | \$30.12 | | | | | | | | | | | | | | | | | | | 320 | 400 | 720 | 30 |
| 2 | 7/1/2019 | \$41.05 | \$27.40 | \$33.86 | | | | | | | | | | | | | | | | | | | 352 | 392 | 744 | 31 |
| 3 | 8/1/2019 | | \$24.85 | | | | | | | | | | | | | | | | | | | | 352 | 392 | 744 | 31 |
| 4 | 9/1/2019 | | \$25.80 | | | | | | | | | | | | | | | | | | | | 320 | 400 | 720 | 30 |
| 5 | 10/1/2019 | | \$25.85 | \$30.70 | | \$21.48 | | | | | | | | | | | | | | | | | 368 320 | 376 | 744 | 31 30 |
| 6 7 | 11/1/2019 12/1/2019 | | \$25.90 \$29.10 | \$30.08 \$32.42 | | \$26.10 \$27.95 | | | | | | | | | | | | | | | | | 320 | 400 408 | 720 744 | 30 |
| 8 | 1/1/2020 | | \$36.00 | \$39.90 | | \$36.15 | | | | | | | | | | | | | | | | | 352 | 392 | 744 | 31 |
| 9 | 2/1/2020 | | \$33.30 | | | \$32.85 | | | | | | | | | | | | | | | | | 320 | 376 | 696 | 29 |
| 10 | 3/1/2020 | \$37.15 | \$28.25 | \$32.46 | \$34.90 | \$27.55 | \$31.03 | \$20.37 | \$17.28 | \$18.74 | | | | | | | | | | | | | 352 | 392 | 744 | 31 |
| 11 | 4/1/2020 | | \$26.30 | | | | | \$19.70 | | | | | | | | | | | | | | | 352 | 368 | 720 | 30 |
| 12 | 5/1/2020 | | \$24.00 | | | | | | | | | | | | | | | | | | | | 320 | 424 | 744 | 31 |
| 13 | 6/1/2020 | | \$23.65 | | | | | \$22.15 | | | | | | | | | | | | | | | 352 | 368 | 720 | 30 |
| 14 15 | 7/1/2020 8/1/2020 | | \$26.25 \$24.25 | \$33.08 \$30.05 | | | | \$27.45 \$26.75 | | | | | | | | | | | | | | | 368 336 | 376 408 | 744 744 | 31 31 |
| 16 | 9/1/2020 | | \$23.55 | \$29.01 | | | | \$26.60 | | | | | | | | | | | | | | | 336 | 384 | 720 | 30 |
| 17 | 10/1/2020 | | \$23.55 | \$28.00 | | | | \$26.10 | | | \$26.19 | \$18.68 | \$22.23 | | | | | | | | | | 352 | 392 | 744 | 31 |
| 18 | 11/1/2020 | | \$23.90 | \$27.74 | | | | \$27.30 | | | | | | | | | | | | | | | 320 | 400 | 720 | 30 |
| 19 | 12/1/2020 | \$34.55 | \$26.00 | \$30.05 | \$33.10 | \$24.85 | \$28.75 | \$29.05 | \$23.20 | \$25.97 | \$31.10 | \$25.55 | \$28.18 | | | | | | | | | | 352 | 392 | 744 | 31 |
| 20 | 1/1/2021 | \$43.30 | | \$38.46 | | | | \$35.85 | | | | | | | | | | | | | | | 320 | 424 | 744 | 31 |
| 21 | 2/1/2021 | | \$32.10 | | | | | \$34.15 | | | | \$29.50 | | | | | | | | | | | 320 | 352 | 672 | 28 |
| 22 | 3/1/2021 | | \$27.95 | | | | | \$29.85 | | | | | | | | | | | | | | | 368 352 | 376 368 | 744 720 | 31 30 |
| 23 24 | 4/1/2021 5/1/2021 | | \$24.20 | \$29.11 \$27.88 | | | | \$26.75 | | | | | | | | | | | | | | | 352 | 424 | 720 | 30 |
| 25 | 6/1/2021 | | | \$27.82 | | | | | | | | | | | | | | | | | | | 352 | 368 | 720 | 30 |
| 26 | 7/1/2021 | | | \$31.40 | | | | \$32.25 | | | | | | | | | | | | | | | 336 | 408 | 744 | 31 |
| 27 | 8/1/2021 | \$36.10 | \$23.25 | \$29.33 | | | | \$29.75 | | | | | | | | | | | | | | | 352 | 392 | 744 | 31 |
| 28 | 9/1/2021 | | \$22.40 | | | | | \$28.55 | | | | | | | | | | | | | | | 336 | 384 | 720 | 30 |
| 29 | 10/1/2021 | | \$22.05 | | | | | \$27.55 | | | | | | | | | | | | | | | 336 | 408 | 744 | 31 |
| 30 | 11/1/2021 | \$31.80 | | \$26.76 | | | | \$27.95 | | | | | | | | | | | | | | | 336 | 384 | 720 | 30 |
| 31 32 | 12/1/2021 1/1/2022 | | \$24.80 \$33.65 | \$29.05 \$37.26 | | | | \$28.00 \$35.95 | | | | | | | | | | | | | | | 368 336 | 376 408 | 744 744 | 31 31 |
| 33 | 2/1/2022 | \$38.10 | | \$34.35 | | | | \$33.50 | | | | | | | | | | | | | | | 320 | 352 | 672 | 28 |
| 34 | 3/1/2022 | | \$26.85 | | | | | \$29.45 | | | | | | | | | | | | | | | 368 | 376 | 744 | 31 |
| 35 | 4/1/2022 | \$33.40 | \$23.20 | \$27.96 | \$28.40 | \$23.00 | \$25.52 | \$27.05 | \$20.20 | \$23.40 | \$30.25 | \$21.65 | \$25.66 | \$28.00 | \$21.50 | \$24.53 | \$47.15 | \$35.85 | \$41.12 | \$38.66 | \$39.81 | \$39.27 | 336 | 384 | 720 | 30 |
| 36 | 5/1/2022 | | \$22.05 | | | | | \$26.85 | | | | | | | | | | | | | | | 336 | 408 | 744 | 31 |
| 37 | 6/1/2022 | | | \$26.83 | | | | \$26.20 | | | | | | | | | | | | | | | 352 | 368 | 720 | 30 |
| 38 | 7/1/2022 | | | \$30.37 | | | | | | | | | | | | | | | | | | | 320 | 424 | 744 744 | 31 |
| 39 40 | 8/1/2022 9/1/2022 | | \$22.40 \$21.40 | | | | | \$29.45 \$27.50 | | | | | | | | | | | | | | | 368 336 | 376 384 | 720 | 31 30 |
| 41 | 10/1/2022 | | \$21.40 | | | | | \$25.85 | | | | | | | | | | | | | | | 336 | 408 | 744 | 31 |
| 42 | 11/1/2022 | | \$21.55 | | | | | \$26.00 | | | | | | | | | | | | | | | 336 | 384 | 720 | 30 |
| 43 | 12/1/2022 | | \$23.65 | \$27.71 | \$29.60 | \$23.00 | \$25.98 | \$27.95 | \$22.25 | \$24.82 | \$30.65 | \$23.95 | \$26.98 | \$30.45 | \$23.10 | \$26.42 | \$47.40 | \$39.15 | \$42.88 | \$65.85 | \$53.40 | \$59.02 | 336 | 408 | 744 | 31 |
| 44 | 1/1/2023 | \$42.40 | | | | | | \$36.05 | | | | | | | | | | | | | | | 336 | 408 | 744 | 31 |
| 45 | 2/1/2023 | \$38.80 | | | | | | \$33.30 | | | | | | | | | | | | | | | 320 | 352 | 672 | 28 |
| 46 47 | 3/1/2023 4/1/2023 | \$35.20 | | \$30.88 \$27.35 | | | | \$28.85 | | | | | | | | | | | | | | | 368 | 376 | 744 | 31 |
| 47 | 5/1/2023 | | \$22.95 \$20.90 | | | | | \$26.95 \$26.80 | | | | | | | | | | | | | | | 320 352 | 400 392 | 720 744 | 30 31 |
| 49 | 3/1/2023 | 331.60 | \$20.50 | \$20.00 | 327.40 | 320.03 | 323.04 | 320.00 | \$15.55 | 322.01 | \$20.50 | \$20.50 | 324.40 | 327.13 | 315.05 | \$23.30 | 340.30 | \$27.20 | 333.40 | 347.30 | \$33.00 | \$35.77 | 332 | 332 | 744 | 31 |
| 50 | Delivery Periods | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51 | 6/19 - 5/20 | \$37.93 | \$27.68 | \$32.41 | | | | | | | | | | | | | | | | | | | | | | |
| 52 | 6/20 - 5/21 | | | | | \$24.58 | | | | | | | | | | | | | | | | | | | | |
| 53 | 6/20 - 5/22 | | | | \$32.23 | \$24.33 | \$28.03 | 405 - | 404 - | 40.5 | | | | | | | | | | | | | | | | |
| 54 | 6/20 - 5/21 | | | | | | | | \$21.56 | | | | | | | | | | | | | | | | | |
| 55 56 | 6/20 - 5/22 6/21 - 5/22 | | | | | | | \$28.85 | \$21.82 | \$25.11 | \$33.90 | \$24.23 | \$28.76 | | | | | | | | | | | | | |
| 57 | 6/21 - 5/22 | | | | | | | | | | 233.09 | 224.23 | J20.70 | \$32.67 | \$24.18 | \$28.15 | | | | | | | | | | |
| 58 | 6/22 - 5/23 | | | | | | | | | | | | | JJ2.07 | JZ 120 | ,20.25 | \$48.49 | \$35.47 | \$41.53 | | | | | | | |
| 59 | 6/22 - 5/23 | | | | | | | | | | | | | | | | , | | | ¢62.20 | \$47.41 | ¢E1 20 | | | | |

^{*} ATC = (on peak prices * on peak hours + off peak prices * off peak hours) / total hours

AES Ohio Case No. 22-900-EL-SSO AEP Ohio Auction Results

Exhibit TAT-3.5 Page 2 of 3

| | [| | NERC Hours | | | RPM Price | | RPM Price | | RPM Price | | RPM Price | | RPM Price | | RPM Price | | | |
|----------|------------------------|------------|------------|-----------------|--------------|---------------------|------------------|---------------------|------------------|---------------------|-----------------|---------------------|------------------|---------------------|------------------|---------------------|------------------|---------------------|------------------|
| | Delivery | | 011 | | Days in | (\$/MW-day) | *** | (\$/MW-day) At | *** | | | (\$/MW-day) At | | (\$/MW-day) At | | (\$/MW-day) At | | RPM Price (\$/MW-F | |
| Line | Month | On (C) | Off | Total | Month | At 3/5/2019 | @ 50% LF) At | 11/5/2019 | @ 50% LF) At | 3/24/2020 | @ 50% LF) At | 11/2/2020 | @ 50% LF) At | 3/9/2021 | @ 50% LF) At | 11/2/2021 | | day) At 3/8/2022 | 50% LF) |
| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (1) | (1) | (K) | (L) | (M) | (N) | (O) | (P) | (Q) | (R) | (S) | (T) |
| | | | | | | | (H) = (G)*(AA)/ | | (J) = (I)*(AA)/ | | (L) = (K)*(AA)/ | | (N) = (M)*(AA)/ | | (P) = (O)*(AA)/ | | (R) = (Q)*(AA)/ | | (T) = (S)*(AA)/ |
| | | | | (E) = (C) + (D) | (F) = (E)/24 | PJM | [(Z)*50%] | PJM | [(Z)*50%] | PJM | [(Z)*50%] | PJM | [(Z)*50%] | PJM | [(Z)*50%] | PJM | [(Z)*50%] | PJM | [(Z)*50%] |
| | | | | () (-) () | | | | | | | | | | | | | | | |
| 1 | 6/1/2019 | 320 | 400 | 720 | 30 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | | \$98.07 | \$8.17 |
| 2 | 7/1/2019 | 352 | 392 | 744 | 31 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | | \$98.07 | \$8.17 |
| 3 | 8/1/2019 | 352 | 392 | 744 | 31 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | | \$98.07 | \$8.17 |
| 4 | 9/1/2019 | 320 | 400 | 720 | 30 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.07 | \$8.17 |
| 5 | 10/1/2019 | 368 | 376 | 744 | 31 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.07 | \$8.17 |
| 6 7 | 11/1/2019 12/1/2019 | 320 336 | 400 408 | 720 744 | 30 31 | \$98.01 | \$8.17 \$8.17 | \$98.01 | \$8.17 \$8.17 | \$98.01 | | \$98.01 | \$8.17 \$8.17 | \$98.01 | \$8.17 \$8.17 | \$98.01 | \$8.17 \$8.17 | \$98.07 | \$8.17 \$8.17 |
| 8 | 1/1/2019 | 352 | 392 | 744 | 31 | \$98.01 \$98.01 | \$8.17 | \$98.01 \$98.01 | \$8.17 | \$98.01 \$98.01 | | \$98.01 \$98.01 | \$8.17 | \$98.01 \$98.01 | \$8.17 | \$98.01 \$98.01 | \$8.17 | \$98.07 \$98.07 | \$8.17 |
| 9 | 2/1/2020 | 320 | 376 | 696 | 29 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | | \$98.07 | \$8.17 |
| 10 | 3/1/2020 | 352 | 392 | 744 | 31 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.07 | \$8.17 |
| 11 | 4/1/2020 | 352 | 368 | 720 | 30 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | | \$98.07 | \$8.17 |
| 12 | 5/1/2020 | 320 | 424 | 744 | 31 | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | \$8.17 | \$98.01 | \$8.17 | \$98.01 | | \$98.07 | \$8.17 |
| 13 | 6/1/2020 | 352 | 368 | 720 | 30 | \$77.00 | \$6.42 | \$77.03 | \$6.42 | \$77.03 | | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$6.44 |
| 14 | 7/1/2020 | 368 | 376 | 744 | 31 | \$77.00 | \$6.42 | \$77.03 | \$6.42 | \$77.03 | \$6.42 | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$6.44 |
| 15 | 8/1/2020 | 336 | 408 | 744 | 31 | \$77.00 | \$6.42 | \$77.03 | \$6.42 | \$77.03 | \$6.42 | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$6.44 |
| 16 | 9/1/2020 | 336 | 384 | 720 | 30 | \$77.00 | \$6.42 | \$77.03 | \$6.42 | \$77.03 | \$6.42 | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$6.44 |
| 17 | 10/1/2020 | 352 | 392 | 744 | 31 | \$77.00 | \$6.42 | \$77.03 | \$6.42 | \$77.03 | \$6.42 | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$6.44 |
| 18 | 11/1/2020 | 320 | 400 | 720 | 30 | \$77.00 | \$6.42 | \$77.03 | \$6.42 | \$77.03 | | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | | \$77.31 | \$6.44 |
| 19 | 12/1/2020 | 352 | 392 | 744 | 31 | \$77.00 | \$6.42 | \$77.03 | \$6.42 | \$77.03 | | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$6.44 |
| 20 | 1/1/2021 | 320 | 424 | 744 | 31 | \$77.00 | \$6.42 | \$77.03 | \$6.42 | \$77.03 | | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | | \$77.31 | \$6.44 |
| 21 | 2/1/2021 | 320 | 352 | 672 | 28 | \$77.00 | \$6.42 | \$77.03 | \$6.42 | \$77.03 | | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | | \$77.31 | \$6.44 |
| 22 | 3/1/2021 | 368 | 376 | 744 | 31 | \$77.00 | \$6.42 | \$77.03 | \$6.42 | \$77.03 | | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$6.44 |
| 23 24 | 4/1/2021 | 352 320 | 368 424 | 720 744 | 30 31 | \$77.00 | \$6.42 \$6.42 | \$77.03 | \$6.42 \$6.42 | \$77.03 | | \$77.31 | \$6.44 \$6.44 | \$77.31 | \$6.44 \$6.44 | \$77.31 | \$6.44 \$6.44 | \$77.31 | \$6.44 \$6.44 |
| 25 | 5/1/2021 6/1/2021 | 352 | 368 | 720 | 30 | \$77.00 \$140.53 | \$11.71 | \$77.03 \$140.53 | \$11.71 | \$77.03 \$140.53 | | \$77.31 \$142.71 | \$11.89 | \$77.31 \$142.16 | | \$77.31 \$142.16 | | \$77.31 \$142.16 | \$11.85 |
| 26 | 7/1/2021 | 336 | 408 | 744 | 31 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$140.53 | | \$142.71 | \$11.89 | \$142.16 | \$11.85 | \$142.16 | | \$142.16 | \$11.85 |
| 27 | 8/1/2021 | 352 | 392 | 744 | 31 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$140.53 | | \$142.71 | \$11.89 | \$142.16 | | \$142.16 | | \$142.16 | \$11.85 |
| 28 | 9/1/2021 | 336 | 384 | 720 | 30 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$140.53 | | \$142.71 | \$11.89 | \$142.16 | | \$142.16 | | \$142.16 | \$11.85 |
| 29 | 10/1/2021 | 336 | 408 | 744 | 31 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$140.53 | | \$142.71 | \$11.89 | \$142.16 | \$11.85 | \$142.16 | \$11.85 | \$142.16 | \$11.85 |
| 30 | 11/1/2021 | 336 | 384 | 720 | 30 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$140.53 | | \$142.71 | \$11.89 | \$142.16 | | \$142.16 | \$11.85 | \$142.16 | \$11.85 |
| 31 | 12/1/2021 | 368 | 376 | 744 | 31 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$142.71 | \$11.89 | \$142.16 | \$11.85 | \$142.16 | \$11.85 | \$142.16 | \$11.85 |
| 32 | 1/1/2022 | 336 | 408 | 744 | 31 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$142.71 | \$11.89 | \$142.16 | \$11.85 | \$142.16 | \$11.85 | \$142.16 | \$11.85 |
| 33 | 2/1/2022 | 320 | 352 | 672 | 28 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$142.71 | \$11.89 | \$142.16 | \$11.85 | \$142.16 | \$11.85 | \$142.16 | \$11.85 |
| 34 | 3/1/2022 | 368 | 376 | 744 | 31 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$140.53 | | \$142.71 | \$11.89 | \$142.16 | | \$142.16 | | \$142.16 | \$11.85 |
| 35 | 4/1/2022 | 336 | 384 | 720 | 30 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$140.53 | | \$142.71 | \$11.89 | \$142.16 | \$11.85 | \$142.16 | | \$142.16 | \$11.85 |
| 36 | 5/1/2022 | 336 | 408 | 744 | 31 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$142.71 | \$11.89 | \$142.16 | \$11.85 | \$142.16 | | \$142.16 | \$11.85 |
| 37 | 6/1/2022 | 352 | 368 | 720 | 30 | | | | | | | | | | | \$50.09 | | \$50.09 | \$4.17 |
| 38 | 7/1/2022 | 320 | 424 | 744 | 31 | | | | | | | | | | | \$50.09 | | \$50.09 | \$4.17 |
| 39 | 8/1/2022 | 368 | 376 | 744 | 31 | | | | | | | | | | | \$50.09 | | \$50.09 | \$4.17 |
| 40 41 | 9/1/2022 | 336 336 | 384 408 | 720 744 | 30 31 | | | | | | | | | | | \$50.09 | | \$50.09 | \$4.17 \$4.17 |
| 41 | 10/1/2022 11/1/2022 | 336 | 408 384 | 744 720 | 30 | | | | | | | | | | | \$50.09 \$50.09 | | \$50.09 \$50.09 | \$4.17 \$4.17 |
| 42 | 12/1/2022 | 336 | 408 | 720 744 | 31 | | | | | | | | | | | \$50.09 | | \$50.09 | \$4.17 \$4.17 |
| 44 | 1/1/2023 | 336 | 408 | 744 | 31 | | | | | | | | | | | \$50.09 | \$4.17 | \$50.09 | \$4.17 |
| 45 | 2/1/2023 | 320 | 352 | 672 | 28 | | | | | | | | | | | \$50.09 | | \$50.09 | \$4.17 |
| 46 | 3/1/2023 | 368 | 376 | 744 | 31 | | | | | | | | | | | \$50.09 | | \$50.09 | \$4.17 |
| 47 | 4/1/2023 | 320 | 400 | 720 | 30 | | | | | | | | | | | \$50.09 | \$4.17 | \$50.09 | \$4.17 |
| 48 | 5/1/2023 | 352 | 392 | 744 | 31 | | | | | | | | | | | \$50.09 | | \$50.09 | \$4.17 |
| | | | | | | | | | | | | | | | | | | | |

AES Ohio Case No. 22-900-EL-SSO AEP Ohio Auction Results

Exhibit TAT-3.5 Page 3 of 3

| | | 3/5/2019 | 11/5/2019 | 11/5/2019 | 3/24/2020 | 3/24/2020 | 11/2/2020 | 3/9/2021 | 11/2/2021 | 3/8/2022 | |
|------|--------------------------------------|-------------------|-------------------|-----------------|-------------------|-------------------|-------------------|------------------|-------------------|----------------|-----------------------------------|
| Line | Description | Auction Results A | Auction Results A | Auction Results | Auction Results A | Auction Results A | Auction Results A | uction Results A | Auction Results A | uction Results | Source |
| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (1) | (1) | (K) | (L) |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 1 | Auction Results | \$46.63 | \$40.18 | \$42.83 | \$36.74 | \$40.00 | \$46.71 | \$46.35 | \$55.14 | \$69.27 | AEP Ohio Auction Website |
| 2 | Delivery Period | 6/19 - 5/20 | 6/20 - 5/21 | 6/20 - 5/22 | 6/20 - 5/21 | 6/20 - 5/22 | 6/21 - 5/22 | 6/21 - 5/22 | 6/22 - 5/23 | 6/22 - 5/23 | AEP Ohio Auction Website |
| 3 | Auction Capacity Value * | \$8.17 | \$6.42 | \$9.07 | \$6.42 | \$9.07 | \$11.89 | \$11.85 | \$4.17 | \$4.17 | See Note Below |
| 4 | Auction Non-Capacity Value | \$38.46 | \$33.76 | \$33.77 | \$30.32 | \$30.94 | \$34.82 | \$34.50 | \$50.97 | \$65.10 | Line 1 - Line 3 |
| 5 | AEP Ohio DA LMP Basis from AD Hub ** | \$0.14 | \$0.05 | \$0.05 | \$0.00 | \$0.00 | -\$0.06 | -\$0.04 | \$0.03 | \$0.37 | See Note Below |
| 6 | Capacity and Basis Removed | \$38.32 | \$33.71 | \$33.72 | \$30.32 | \$30.94 | \$34.88 | \$34.54 | \$50.94 | \$64.73 | Line 4 - Line 5 |
| 7 | AD Hub Market Price | \$32.41 | \$28.56 | \$28.03 | \$24.68 | \$25.11 | \$28.76 | \$28.15 | \$41.53 | \$54.38 | Pg 1, ATC Prices from Lines 51-59 |
| 8 | Auction Price/Market Price Ratio | 1.182 | 1.180 | 1.203 | 1.229 | 1.232 | 1.213 | 1.227 | 1.227 | 1.190 | Line 6 / Line 7 |

^{*} For Line 3, Auction Capacity Value is calculated as the sum-product of the relevant RPM Prices and the days in the Delivery Period divided by the sum of the days in the Delivery Period

^{**} Line 5 is the average of the difference in PJM DA LMPs for the 12-month period before the auction date

AES Ohio Case No. 22-900-EL-SSO AES Ohio Auction Results

Exhibit TAT-3.6 Page 1 of 3

| 3/26/2019 3/9/2020 3/22/2021 3/22/2022 4/18/2022 NERC Hours | | | | | | | | AE | Hub Prio | ces on Au | uction Da | te: | | | | | | | | | |
|---|------|------------------|---------------|----------|---------|---------|----------|---------|----------|-----------|-----------|---------|------------------|-----------------|----------|---------------------|---------------|-----|-----------|-----------------|---------------|
| CA CB CS CD | | | | 3/26/201 | .9 | | 3/9/2020 | | _ | | | | 3/22/202 | 2 | | 4/18/202 | 2 | | NERC Hour | S | |
| | Line | Delivery Month | On | Off | ATC* | On | Off | ATC* | On | Off | ATC* | On | Off | ATC* | On | Off | ATC* | On | Off | Total | Days in Month |
| Solution | (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (1) | (1) | (K) | (L) | (M) | (N) | (O) | (P) | (Q) | (R) | (S) | (T) | (U) |
| Solution | | | | | | | | | | | | | | | | | | | | | |
| 2 71/1099 \$378 \$289 \$3098 \$48 \$3299 \$744 \$31 \$49 \$79 \$79 \$80 \$300 | | | | | | | | | | | | | | | | | | | | (T) = (R) + (S) | (U) = (T)/24 |
| 8 8/1/2019 \$3745 \$2590 \$3108 \$4 9 1 1 2 1 2 1 2 2 30 2 2 7 4 4 31 4 9/1/2019 \$31745 \$2590 \$3108 \$4 9 1 1 2 1 2 1 2 2 30 5 10 1/1/2019 \$3475 \$2590 \$3108 \$4 9 1 2 1 2 2 30 5 10 1/1/2019 \$3475 \$2595 \$2591 \$4 9 1 2 2 30 5 1 2 1 2 1 2 1 2 2 30 5 1 2 2 3 2 2 3 2 2 7 4 4 31 1 2 1 2 1 2 2 3 0 | 1 | 6/1/2019 | \$35.10 | \$25.25 | \$29.63 | | | | | | | | | | | | | 320 | 400 | 720 | 30 |
| 4 9/1/2019 \$315 \$5250 \$310.8 | 2 | 7/1/2019 | \$39.75 | \$26.85 | \$32.95 | | | | | | | | | | | | | 352 | 392 | 744 | 31 |
| 5 101/12019 \$3475 \$2585 \$2981 | 3 | 8/1/2019 | \$37.45 | \$24.90 | \$30.84 | | | | | | | | | | | | | 352 | 392 | 744 | 31 |
| 6 11/1/2019 \$34.75 \$25.85 \$29.81 \$3.10 \$3.10 \$3.00 \$4.00 \$7.20 \$3.10 \$3.10 \$3.50 \$3.33 \$3.33 \$3.30 \$4.00 \$7.41 \$3.1 \$3 | | | | | | | | | | | | | | | | | | | | | |
| 7 12/1/2019 543:05 5555 539:3 531:0 532:19 | | | | | | | | | | | | | | | | | | | | | |
| 8 1/1/2020 5405 5315 538-33 538-3 53 | | | | | | | | | | | | | | | | | | | | | |
| 9 2/1/2020 540-95 533-15 586-74 11 4/1/2020 535-05 528-05 531-95 586-74 31 11 4/1/2020 535-05 523-55 531-95 521-95 | | | | | | | | | | | | | | | | | | | | | |
| 10 3/L/2000 53.65. 52.80 53.90 52.76 53.84 52.76 53.65 52.76 53.65 52.76 53.65 52.76 53.65 52.76 53.65 52.76 53.65 52.76 53.65 52.76 53.65 52.76 53.65 52.76 53.65 52.76 53.65 52.76 53.65 52.76 53.65 52.76 52.77 53.65 52.76 52.77 53.65 52.77 53.65 52.77 52.70 | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | |
| 12 5/1/2000 531-56 523-65 523-6 | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | |
| 14 7/1/2020 \$34.85 \$33.95 \$25.00 \$25.20 \$25 | | | | | | | | | | | | | | | | | | | | | |
| 15 8/1/2000 \$48.6 \$23.95 \$23.96 \$28.8 \$0 \$28.95 \$23.94 \$ | | | | | | | | | | | | | | | | | | | | | |
| 16 91/1/2000 534.65 523.75 528.93 527.70 520.25 523.73 523.95 52 | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | |
| 20 | 18 | | | | \$27.48 | | | \$24.46 | | | | | | | | | | 320 | 400 | 720 | 30 |
| 21 21/1/2021 S39.5 S32.0 S35.6 S30.5 S26.85 S39.80 S37.6 S36.5 S26.85 S27.90 S31.5 S26.85 S27.90 S31.5 S26.85 S27.90 S31.5 S26.5 S27.90 S31.5 S26.60 S22.79 S24.63 S28.85 S27.90 S31.5 S26.60 S22.79 S24.63 S28.85 S27.90 S31.5 S26.60 S22.79 S27.70 S27.75 S2 | 19 | 12/1/2020 | \$34.15 | \$25.70 | \$29.70 | \$28.45 | \$22.80 | \$25.47 | | | | | | | | | | 352 | 392 | 744 | 31 |
| 22 31/1/2021 S35.25 S27.90 S31.54 S28.85 S25.05 S2 | 20 | 1/1/2021 | \$42.90 | \$35.05 | \$38.43 | \$35.30 | \$29.30 | \$31.88 | | | | | | | | | | 320 | 424 | 744 | 31 |
| 23 4/1/2021 S33.30 52.05 S28.57 S27.50 S23.05 S28.57 S27.50 S23.05 S28.50 S27.55 S24.80 S27.55 S24.8 | | | \$39.35 | \$32.30 | \$35.66 | | | \$29.80 | | | | | | | | | | 320 | 352 | 672 | 28 |
| 24 5/1/2021 S34.5 52.25 52.73 72.75 S19.20 52.26 52.89 S21.85 S22.88 S21.85 S24.88 S21.5 S24.88 S21.5 S24.88 S21.5 S24.84 S21.5 S24.85 S24.85 S21.5 S24.85 S24.85 S21.5 S24.85 S2 | 22 | 3/1/2021 | \$35.25 | \$27.90 | \$31.54 | \$28.85 | \$23.50 | \$26.15 | \$26.50 | \$22.79 | \$24.63 | | | | | | | 368 | 376 | 744 | 31 |
| 25 6/1/2021 53.0 52.15 52.15 52.8 52.8 52.15 52.8 52.8 52.15 52.8 52.8 52.15 52.8 52.8 52.15 52.8 52.8 52.15 52.8 52.8 52.15 52.8 52.8 52.15 52.8 52.8 52.15 52.8 52.8 52.15 52.8 52.8 52.15 52.15 52.8 52.8 52.15 52.15 52.8 52.15 52.15 52.8 52.15 5 | | | | | | | | | | | | | | | | | | | | | |
| 26 7/1/2021 S3.8.35 S25.00 S31.03 S31.60 S21.95 S26.31 S35.65 S24.35 S29.45 | | | | | | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | | | | | | |
| 28 9/1/2011 \$33.00 \$22.25 \$27.27 \$28.15 \$19.55 \$23.65 \$31.60 \$21.45 \$26.19 \$ | | | | | | | | | | | | | | | | | | | | | |
| 29 10/1/2021 531.50 \$21.90 \$26.53 \$26.56 \$21.15 \$23.81 \$30.50 \$22.05 \$25.44 \$28.85 \$21.15 \$23.20 \$25.649 \$33.6 \$34.08 \$37.6 \$744 \$31 \$31 \$31 \$11/1/2021 \$33.00 \$24.60 \$28.75 \$27.40 \$22.90 \$25.13 \$31.95 \$22.00 \$25.83 \$31.95 \$21.00 \$31. | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | | | | | | | | |
| 34 | | | | | | | | | | | | | | | | | | | | | |
| \$ 5/1/2022 \$31.80 \$21.90 \$26.60 \$26.05 \$19.50 \$22.46 \$28.30 \$21.25 \$24.43 \$ \$ 6/1/2022 \$31.80 \$21.30 \$26.43 \$26.25 \$19.50 \$22.80 \$28.85 \$20.30 \$24.43 \$59.80 \$42.25 \$50.83 \$90.60 \$62.45 \$76.21 \$352 \$368 720 \$30 \$368 720 \$30 \$368 720 \$30 \$368 720 \$30 \$368 720 \$30 \$368 720 \$30 \$368 720 \$30 \$368 720 \$30 \$30 \$368 720 \$30 \$30 \$30 \$30 \$30 \$30 \$30 \$30 \$30 \$3 | | | | | | | | | | | | | | | | | | | | | |
| 37 6/1/2022 \$31.80 \$21.30 \$26.43 \$26.25 \$19.50 \$22.80 \$28.55 \$20.30 \$24.33 \$59.80 \$42.25 \$59.83 \$59.60 \$62.45 \$76.21 \$352 \$368 \$72.0 \$30 \$38 \$71/2022 \$35.80 \$22.20 \$28.55 \$29.20 \$19.55 \$22.20 \$28.55 \$29.20 \$19.55 \$22.20 \$28.55 \$29.20 \$29.55 \$29.20 \$29.55 \$29.20 \$29.55 \$29.20 \$29.55 \$29.20 \$29.55 \$29.20 \$29.55 \$29.20 \$29.55 \$29.20 \$29.55 \$29.20 \$29.55 \$29.20 \$29.55 \$29.20 \$29.55 \$29.20 \$29.55 \$29.20 \$29.55 \$29.20 \$29 | 35 | | \$32.70 | | | | \$20.10 | \$22.99 | \$28.00 | \$21.35 | | | | | | | | 336 | 384 | 720 | 30 |
| 38 | 36 | 5/1/2022 | \$32.30 | \$21.90 | \$26.60 | \$26.05 | \$19.50 | \$22.46 | \$28.30 | \$21.25 | \$24.43 | | | | | | | 336 | 408 | 744 | 31 |
| 8/1/2022 \$35.10 \$22.20 \$28.58 \$29.20 \$19.55 \$24.32 \$33.05 \$21.25 \$27.09 \$67.65 \$48.35 \$57.90 \$106.30 \$72.25 \$89.09 \$368 \$376 744 \$31 \$40 9/1/2022 \$31.95 \$21.15 \$25.25 \$19.20 \$22.15 \$30.55 \$20.20 \$25.05 \$61.30 \$43.80 \$51.97 \$93.95 \$64.70 \$78.35 \$36 384 720 30 \$41 10/1/2022 \$30.00 \$21.15 \$25.35 \$25.75 \$19.20 \$22.16 \$28.55 \$20.40 \$24.08 \$59.55 \$44.95 \$51.54 \$93.10 \$66.80 \$78.68 \$36 408 744 31 \$42 11/1/2022 \$30.20 \$21.45 \$25.53 \$26.05 \$20.20 \$22.65 \$20.20 \$25.05 \$40.95 \$51.54 \$93.10 \$66.80 \$78.68 \$36 408 744 31 \$42 11/1/2022 \$30.20 \$23.60 \$23.60 \$22.80 \$22.80 \$22.90 \$28.55 \$21.70 \$24.90 \$60.10 \$46.75 \$52.98 \$92.60 \$69.80 \$80.44 \$36 386 408 744 \$31 \$41 1/1/2023 \$40.95 \$32.55 \$36.34 \$35.60 \$29.40 \$32.20 \$38.55 \$29.45 \$33.60 \$77.55 \$00.50 \$57.44 \$93.00 \$57.85 \$84.14 \$36 408 744 \$31 \$45 2/1/2023 \$40.95 \$33.55 \$29.85 \$33.50 \$24.90 \$32.20 \$38.55 \$29.46 \$43.55 \$27.05 \$65.50 \$71.24 \$106.00 \$90.95 \$98.12 \$30 \$35.60 \$20.40 \$24.90 \$24.90 \$20.00 \$23.75 \$65.50 \$71.24 \$106.00 \$90.95 \$98.12 \$30 \$35.60 \$20.40 \$32.20 \$24.30 \$24.30 \$24.30 \$24.5 | 37 | 6/1/2022 | \$31.80 | \$21.30 | \$26.43 | \$26.25 | \$19.50 | \$22.80 | \$28.55 | \$20.30 | \$24.33 | \$59.80 | \$42.25 | \$50.83 | \$90.60 | \$62.45 | \$76.21 | 352 | 368 | 720 | 30 |
| 40 9/1/2022 \$31.95 \$21.25 \$26.24 \$27.15 \$18.45 \$22.51 \$30.55 \$20.20 \$25.03 \$61.30 \$43.80 \$51.97 \$99.95 \$64.70 \$78.35 \$33.6 \$384 720 30 40 10/1/2022 \$30.20 \$21.45 \$25.53 \$25.05 \$19.20 \$22.15 \$22.90 \$28.55 \$21.00 \$24.90 \$60.10 \$46.75 \$52.98 \$92.60 \$69.80 \$80.44 \$36 384 720 30 43 11/1/2022 \$30.20 \$21.45 \$25.53 \$26.05 \$20.15 \$22.90 \$28.55 \$21.00 \$60.20 \$60.25 \$51.54 \$93.10 \$66.80 \$78.68 \$36 408 744 31 11/1/2022 \$32.00 \$23.60 \$27.39 \$28.00 \$22.15 \$24.79 \$31.00 \$22.80 \$60.25 \$51.54 \$93.10 \$66.25 \$52.98 \$92.60 \$69.80 \$80.44 \$36 384 720 30 40 41/1/2023 \$37.55 \$29.85 \$33.50 \$29.40 \$32.20 \$38.55 \$29.45 \$33.56 \$79.95 \$79.95 \$74.99 \$30.00 \$76.85 \$84.14 \$36 408 744 \$31 40 41/1/2023 \$37.55 \$29.85 \$33.50 \$29.40 \$32.20 \$38.55 \$29.45 \$33.56 \$79.95 \$79.95 \$74.99 \$10.80 \$90.95 \$98.12 \$32.00 \$35.05 \$27.05 \$40.95 \$30.85 \$29.85 \$30.95 \$27.05 \$30.91 \$77.55 \$65.50 \$71.24 \$106.00 \$90.95 \$98.12 \$32.00 \$35.05 \$27.05 \$40.95 \$30.85 \$29.85 \$32.85 \$29.80 \$40.85 \$4 | 38 | | \$37.80 | \$24.00 | | | | \$25.28 | \$35.10 | \$22.45 | \$27.89 | \$71.45 | \$51.15 | \$59.88 | \$112.15 | \$76.00 | | 320 | 424 | 744 | 31 |
| 41 10/1/2022 \$30.04 \$21.15 \$25.33 \$25.75 \$19.20 \$22.16 \$28.55 \$20.40 \$24.08 \$59.55 \$44.95 \$51.54 \$93.10 \$66.80 \$78.68 \$336 408 744 31 \$42 11/1/2022 \$32.00 \$23.60 \$27.35 \$22.05 \$22.15 \$22.79 \$31.00 \$22.06 \$65.05 \$62.15 \$52.90 \$60.10 \$46.75 \$52.98 \$92.60 \$69.80 \$80.44 \$36 384 720 30 \$40.91 \$1/1/2022 \$32.00 \$23.06 \$27.30 \$22.15 \$24.79 \$31.00 \$22.80 \$26.50 \$62.55 \$52.75 \$52.98 \$92.60 \$69.80 \$80.44 \$36 384 720 30 \$40.91 \$40.91 \$40.95 \$32.55 \$36.34 \$35.60 \$29.40 \$32.20 \$38.55 \$29.45 \$33.50 \$79.75 \$70.95 \$74.9 \$93.00 \$76.85 \$84.14 \$36 408 744 \$31 \$45 27/1/2023 \$37.55 \$29.85 \$33.00 \$27.00 \$28.85 \$29.45 \$33.55 \$29.45 \$33.56 \$79.75 \$70.95 \$74.9 \$93.00 \$20.60 \$98.00 \$102.79 \$336 408 744 \$31 \$45 27/1/2023 \$35.55 \$26.75 \$30.86 \$28.60 \$24.30 \$26.43 \$29.00 \$23.75 \$26.35 \$54.55 \$43.55 \$40.99 \$72.60 \$53.35 \$62.87 \$38.8 \$376 744 \$31 \$47 4/1/2023 \$32.70 \$23.05 \$27.34 \$26.75 \$21.45 \$23.81 \$26.85 \$21.15 \$23.88 \$48.35 \$36.55 \$41.79 \$61.50 \$42.60 \$51.00 \$30 400 720 \$30 \$48 5/1/2023 \$31.65 \$20.90 \$25.99 \$26.60 \$19.45 \$22.83 \$27.25 \$20.25 \$23.56 \$49.50 \$34.90 \$41.81 \$62.50 \$41.05 \$51.20 \$32 \$32 \$32 \$32 \$32 \$32 \$32 \$32 \$32 \$32 | | | | | | | | | | | | | | | | | | | | | |
| 42 11/1/2022 \$30.0 \$21.45 \$25.53 \$26.05 \$20.15 \$22.90 \$28.55 \$21.70 \$24.90 \$60.10 \$46.75 \$52.98 \$92.60 \$69.80 \$80.44 \$336 \$384 720 \$30 \$43 12/1/2023 \$40.95 \$32.50 \$23.50 \$22.55 \$28.79 \$31.00 \$22.80 \$22.80 \$25.05 \$50.25 \$57.44 \$93.00 \$57.85 \$84.14 \$36 \$408 744 \$31 \$45 1/1/2023 \$40.95 \$32.55 \$36.34 \$35.60 \$29.40 \$32.20 \$38.55 \$29.45 \$33.56 \$57.75 \$70.95 \$74.92 \$108.60 \$98.00 \$102.79 \$36 \$408 744 \$31 \$45 2/1/2023 \$37.55 \$29.85 \$33.52 \$33.00 \$27.00 \$29.86 \$35.15 \$27.05 \$30.91 \$77.55 \$65.50 \$71.24 \$106.00 \$90.95 \$98.12 \$30 \$35.2 \$672 \$28 \$47.1/2023 \$32.00 \$32.30 \$32.30 \$27.34 \$26.75 \$21.45 \$23.81 \$26.85 \$21.95 \$40.95 \$41.95 \$61.50 \$42.60 \$501.00 \$32.0 \$400 720 \$30 \$48 \$5/1/2023 \$31.65 \$20.90 \$25.99 \$26.60 \$19.45 \$22.83 \$27.25 \$20.25 \$23.56 \$49.50 \$34.90 \$41.81 \$62.50 \$41.05 \$51.20 \$35 \$42.00 \$32.2 \$40 \$40 \$40 \$40 \$40 \$40 \$40 \$40 \$40 \$40 | | | | | | | | | | | | | | | | | | | | | |
| 43 12/1/2022 \$32.00 \$23.60 \$27.39 \$28.00 \$22.15 \$24.79 \$31.00 \$22.80 \$63.25 \$52.65 \$57.44 \$93.00 \$76.85 \$84.14 \$336 \$408 744 31 \$41/1/2023 \$40.95 \$32.55 \$36.34 \$35.60 \$29.40 \$32.20 \$38.55 \$29.45 \$33.56 \$59.45 \$79.75 \$70.95 \$79.95 \$79.95 \$79.80 \$102.79 \$36.40 \$40.87 744 \$31 \$41/1/2023 \$37.55 \$29.85 \$33.55 \$27.00 \$29.86 \$35.15 \$27.05 \$30.91 \$77.55 \$65.50 \$71.24 \$106.00 \$80.09 \$89.12 \$30.0 \$32.0 \$32.67 \$28 \$40.95 \$ | | | | | | | | | | | | | | | | | | | | | |
| 44 1/1/2023 \$40,95 \$32.55 \$36.34 \$35.60 \$29.40 \$32.20 \$38.55 \$29.45 \$33.56 \$79.75 \$70.95 \$74.92 \$108.60 \$98.00 \$102.79 \$33.6 408 744 31 \$45 2/1/2023 \$37.55 \$29.85 \$33.52 \$33.00 \$27.00 \$29.86 \$33.15 \$27.05 \$30.91 \$77.55 \$55.05 \$71.24 \$106.00 \$99.05 \$98.12 \$30 352 672 28 \$40.00 \$31/2023 \$37.55 \$29.85 \$33.50 \$27.67 \$30.86 \$29.00 \$23.75 \$20.35 \$40.00 \$40 | | | | | | | | | | | | | | | | | | | | | |
| 45 2/1/2023 \$37.55 \$29.85 \$33.52 \$33.00 \$27.00 \$29.86 \$35.15 \$27.05 \$30.91 \$27.55 \$65.50 \$71.24 \$106.00 \$90.95 \$98.12 \$320 \$35.0 \$32.6 \$72 \$28 \$46 \$3/1/2023 \$32.00 \$32.50 \$26.75 \$30.86 \$28.60 \$24.30 \$29.00 \$23.75 \$26.35 \$48.99 \$72.60 \$53.35 \$62.87 \$368 \$37.6 \$744 \$31 \$4/1/2023 \$32.70 \$23.05 \$27.34 \$26.75 \$21.45 \$23.81 \$23.80 \$48.35 \$36.55 \$48.99 \$72.60 \$53.35 \$62.87 \$368 \$37.6 \$744 \$31 \$4/1/2023 \$32.70 \$23.05 \$27.34 \$26.75 \$21.45 \$23.81 \$23.80 \$48.35 \$36.55 \$41.79 \$61.50 \$42.60 \$51.00 \$320 \$400 \$720 \$30 \$48 \$5/1/2023 \$31.65 \$20.90 \$25.99 \$26.60 \$19.45 \$22.83 \$27.25 \$20.25 \$23.56 \$49.50 \$34.90 \$41.81 \$62.50 \$41.05 \$51.20 \$352 \$392 \$744 \$31 \$49 \$49 \$49 \$49 \$49 \$49 \$49 \$49 \$49 \$49 | | | | | | | | | | | | | | | | | | | | | |
| 46 3/1/2023 \$35.05 \$26.75 \$30.86 \$28.00 \$24.30 \$26.43 \$29.00 \$23.75 \$26.35 \$43.55 \$43.55 \$48.99 \$72.60 \$53.35 \$62.87 \$368 \$376 744 31 4/1/2023 \$32.70 \$23.05 \$27.45 \$21.45 \$23.81 \$26.85 \$21.15 \$23.68 \$48.35 \$36.55 \$41.79 \$61.50 \$42.60 \$51.00 \$320 \$400 720 \$30 \$48.55/1/2023 \$31.65 \$20.90 \$25.99 \$26.60 \$19.45 \$22.83 \$27.25 \$20.25 \$23.68 \$49.50 \$48.05 \$41.81 \$62.50 \$41.05 \$51.20 \$32 \$392 744 \$31 \$49 \$8 \$49.50 \$49.50 \$49.50 \$49.50 \$49.50 \$41.81 \$62.50 \$41.05 \$51.20 \$352 \$392 \$744 \$31 \$49 \$49 \$49 \$49 \$49 \$49 \$49 \$49 \$49 \$49 | | | | | | | | | | | | | | | | | | | | | |
| 47 4/1/2023 \$32.70 \$23.05 \$27.34 \$26.75 \$21.45 \$23.81 \$26.85 \$21.15 \$23.68 \$48.35 \$36.55 \$41.79 \$61.50 \$42.60 \$51.00 320 400 720 30 48 5/1/2023 \$31.65 \$20.90 \$25.90 \$26.60 \$19.45 \$22.83 \$27.25 \$20.25 \$23.56 \$49.50 \$34.90 \$41.81 \$62.50 \$41.05 \$51.20 32 392 744 31 49 50 Pelivery Periods 51 6/19 - 5/21 \$36.40 \$26.74 \$31.23 52 6/19 - 5/22 \$35.79 \$26.09 \$30.61 52 6/20 - 5/21 52 6/20 - 5/21 52 6/20 - 5/22 52.85 \$21.85 \$25.05 52.87 \$21.85 \$25.05 52.87 \$21.85 \$25.05 52.87 \$21.85 \$25.05 52.87 \$22.83 \$27.85 \$23.47 \$23.83 \$27.85 \$23.85 \$27.85 \$27.85 \$27.85 \$27.85 \$27.85 \$27.85 \$27.85 \$27.85 \$27 | | | | | | | | | | | | | | | | | | | | | |
| 48 5/1/2023 \$31.65 \$20.90 \$25.99 \$26.60 \$19.45 \$22.83 \$27.25 \$20.25 \$23.56 \$49.50 \$34.90 \$41.81 \$62.50 \$41.05 \$51.20 352 392 744 31 49 50 Delivery Periods 51 6/19 - 5/21 \$36.40 \$26.74 \$31.23 52 6/19 - 5/22 \$35.79 \$26.09 \$30.61 53 6/20 - 5/21 \$28.67 \$21.88 \$25.05 54 6/20 - 5/22 \$28.76 \$21.96 \$25.14 55 6/21 - 5/22 \$32.83 \$27.88 | | | | | | | | | | | | | | | | | | | | | |
| 49 50 <u>Delivery Periods</u> 51 6/19 - 5/21 \$36.40 \$26.74 \$31.23 52 6/19 - 5/22 \$35.79 \$26.09 \$30.61 53 6/20 - 5/21 \$28.67 \$21.88 \$25.05 54 6/20 - 5/22 \$28.76 \$21.96 \$25.14 55 6/21 - 5/22 \$32.47 \$23.83 \$27.88 | | | | | | | | | | | | | | | | | | | | | |
| 50 <u>Delivery Periods</u> 51 6/19 - 5/21 \$36.40 \$26.74 \$31.23 52 6/19 - 5/22 \$35.79 \$26.09 \$30.61 53 6/20 - 5/21 \$28.67 \$21.88 \$25.05 54 6/20 - 5/22 \$28.76 \$21.96 \$25.14 55 6/21 - 5/22 \$32.76 \$21.96 \$25.14 | | 3/1/2023 | 731.03 | ¥20.50 | ¥23.33 | Ç20.00 | ¥15.45 | 722.03 | 721.23 | Y20.23 | y25.50 | Ç-5.30 | Ç3 - 1.3€ | ŷ ∓1. 01 | J02.30 | ŷ - 1.03 | 431.20 | 332 | 332 | , | 31 |
| 51 6/19-5/21 \$36.40 \$26.74 \$31.23 52 6/19-5/22 \$35.79 \$26.09 \$30.61 53 6/20-5/21 \$28.67 \$21.88 \$25.05 54 6/20-5/22 \$28.76 \$21.96 \$25.14 55 6/21-5/22 \$38.76 \$21.96 \$25.14 | | Delivery Periods | | | | | | | | | | | | | | | | | | | |
| 52 6/19 - 5/22 \$35.79 \$26.09 \$30.61 53 6/20 - 5/21 \$28.67 \$21.88 \$25.05 54 6/20 - 5/22 \$28.76 \$21.96 \$25.14 55 6/21 - 5/22 \$32.70 \$23.83 \$27.88 | | | \$36.40 | \$26,74 | \$31.23 | | | | | | | | | | | | | | | | |
| 53 6/20 - 5/21 \$28.67 \$21.88 \$25.05 54 6/20 - 5/22 \$28.76 \$21.96 \$25.14 55 6/21 - 5/22 \$32.47 \$23.83 \$27.88 | | | | | | | | | | | | | | | | | | | | | |
| 54 6/20 - 5/22 \$28.76 \$21.96 \$25.14 55 6/21 - 5/22 \$32.47 \$23.83 \$27.88 | | | | | | \$28.67 | \$21.88 | \$25.05 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| 56 6/22 - 5/23 \$62.67 \$48.37 \$55.04 \$91.02 \$67.80 \$78.62 | | | | | | | | | \$32.47 | \$23.83 | \$27.88 | | | | | | | | | | |
| | 56 | 6/22 - 5/23 | | | | | | | | | | \$62.67 | \$48.37 | \$55.04 | \$91.02 | \$67.80 | \$78.62 | | | | |

^{*} ATC = (on peak prices * on peak hours + off peak prices * off peak hours) / total hours

AES Ohio Case No. 22-900-EL-SSO AES Ohio Auction Results

Exhibit TAT-3.6 Page 2 of 3

| | | | NERC Hours | | | RPM Price | | RPM Price | | RPM Price | | RPM Price | | RPM Price | |
|----------|-----------------------|------------|------------|-----------------|---------------|--------------------|------------------|--------------------|----------------|--------------------|------------------|--------------------|------------------|--------------------|--------------------|
| | <u> </u> | | | | <u>-</u> , | (\$/MW-day) at | RPM (\$/MWh | (\$/MW-day) at | RPM (\$/MWh | (\$/MW-day) at | RPM (\$/MWh | (\$/MW-day) at | RPM (\$/MWh | (\$/MW-day) at | RPM (\$/MWh |
| Line | | On | Off | Total | Days in Month | 3/26/2019 | @ 50% LF) | 3/9/2020 | @ 50% LF) | 3/22/2021 | @ 50% LF) | 3/22/2022 | @ 50% LF) | 4/18/2022 | @ 50% LF) |
| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (1) | (1) | (K) | (L) | (M) | (N) | (O) | (P) |
| | | | | | | | | | | | | | | | |
| | | | | | | | (H) = (G)*(U)/ | | (J) = (I)*(U)/ | | (L) = (K)*(U)/ | | (N) = (M)*(U)/ | | (P) = (O)*(U)/ |
| | | | | (E) = (C) + (D) | (F) = (E)/24 | PJM | [(T)*50%] | PJM | [(T)*50%] | PJM | [(T)*50%] | PJM | [(T)*50%] | PJM | [(T)*50%] |
| | | | | | | | | | 4 | | | | | | |
| 1 | 6/1/2019 | 320 | 400 | 720 | 30 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | \$8.17 | \$98.07 | \$8.17 | \$98.07 | \$16.35 |
| 2 | 7/1/2019 | 352 | 392 | 744 744 | 31 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | \$8.17 | \$98.07 | \$8.17 | \$98.07 | \$16.35 |
| 4 | 8/1/2019 | 352 320 | 392 400 | 744 720 | 31 30 | \$98.01 \$98.01 | \$8.17 \$8.17 | \$98.01 \$98.01 | | \$98.01 \$98.01 | \$8.17 \$8.17 | \$98.07 \$98.07 | \$8.17 \$8.17 | \$98.07 \$98.07 | \$16.35 \$16.35 |
| 5 | 9/1/2019 10/1/2019 | 368 | 376 | 720 744 | 31 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | \$8.17 | \$98.07 | \$8.17 | \$98.07 | \$16.35 |
| 6 | 11/1/2019 | 320 | 400 | 720 | 30 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | \$8.17 | \$98.07 | \$8.17 | \$98.07 | \$16.35 |
| 7 | 12/1/2019 | 336 | 408 | 744 | 31 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | \$8.17 | \$98.07 | \$8.17 | \$98.07 | \$16.35 |
| 8 | 1/1/2020 | 352 | 392 | 744 | 31 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | \$8.17 | \$98.07 | \$8.17 | \$98.07 | \$16.35 |
| 9 | 2/1/2020 | 320 | 376 | 696 | 29 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | \$8.17 | \$98.07 | \$8.17 | \$98.07 | \$16.35 |
| 10 | 3/1/2020 | 352 | 392 | 744 | 31 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | \$8.17 | \$98.07 | \$8.17 | \$98.07 | \$16.35 |
| 11 | 4/1/2020 | 352 | 368 | 720 | 30 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | \$8.17 | \$98.07 | \$8.17 | \$98.07 | \$16.35 |
| 12 | 5/1/2020 | 320 | 424 | 744 | 31 | \$98.01 | \$8.17 | \$98.01 | | \$98.01 | \$8.17 | \$98.07 | \$8.17 | \$98.07 | \$16.35 |
| 13 | 6/1/2020 | 352 | 368 | 720 | 30 | \$77.00 | \$6.42 | \$77.03 | | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$12.89 |
| 14 | 7/1/2020 | 368 | 376 | 744 | 31 | \$77.00 | \$6.42 | \$77.03 | | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$12.89 |
| 15 | 8/1/2020 | 336 | 408 | 744 | 31 | \$77.00 | \$6.42 | \$77.03 | | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | |
| 16 | 9/1/2020 | 336 | 384 | 720 | 30 | \$77.00 | \$6.42 | \$77.03 | | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | |
| 17 | 10/1/2020 | 352 | 392 | 744 | 31 | \$77.00 | \$6.42 | \$77.03 | | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | |
| 18 | 11/1/2020 | 320 | 400 | 720 | 30 | \$77.00 | \$6.42 | \$77.03 | \$6.42 | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$12.89 |
| 19 | 12/1/2020 | 352 | 392 | 744 | 31 | \$77.00 | \$6.42 | \$77.03 | | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | |
| 20 | 1/1/2021 | 320 | 424 | 744 | 31 | \$77.00 | \$6.42 | \$77.03 | \$6.42 | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$12.89 |
| 21 | 2/1/2021 | 320 | 352 | 672 | 28 | \$77.00 | \$6.42 | \$77.03 | \$6.42 | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$12.89 |
| 22 | 3/1/2021 | 368 | 376 | 744 | 31 | \$77.00 | \$6.42 | \$77.03 | \$6.42 | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$12.89 |
| 23 | 4/1/2021 | 352 | 368 | 720 | 30 | \$77.00 | \$6.42 | \$77.03 | \$6.42 | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$12.89 |
| 24 | 5/1/2021 | 320 | 424 | 744 | 31 | \$77.00 | \$6.42 | \$77.03 | \$6.42 | \$77.31 | \$6.44 | \$77.31 | \$6.44 | \$77.31 | \$12.89 |
| 25 | 6/1/2021 | 352 | 368 | 720 | 30 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$142.16 | \$11.85 | \$142.16 | \$11.85 | \$142.16 | \$23.69 |
| 26 | 7/1/2021 | 336 | 408 | 744 | 31 | \$140.53 | \$11.71 | \$140.53 | | \$142.16 | \$11.85 | \$142.16 | \$11.85 | \$142.16 | \$23.69 |
| 27 | 8/1/2021 | 352 | 392 | 744 | 31 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$142.16 | \$11.85 | \$142.16 | \$11.85 | \$142.16 | |
| 28 | 9/1/2021 | 336 | 384 | 720 | 30 | \$140.53 | \$11.71 | \$140.53 | | \$142.16 | \$11.85 | \$142.16 | \$11.85 | \$142.16 | |
| 29 | 10/1/2021 | 336 | 408 | 744 | 31 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$142.16 | \$11.85 | \$142.16 | \$11.85 | \$142.16 | \$23.69 |
| 30 | 11/1/2021 | 336 | 384 | 720 | 30 | \$140.53 | \$11.71 | \$140.53 | | \$142.16 | \$11.85 | \$142.16 | \$11.85 | \$142.16 | |
| 31 | 12/1/2021 | 368 | 376 | 744 | 31 | \$140.53 | \$11.71 | \$140.53 | | \$142.16 | \$11.85 | \$142.16 | \$11.85 | \$142.16 | |
| 32 | 1/1/2022 | 336 | 408 | 744 | 31 | \$140.53 | \$11.71 | \$140.53 | | \$142.16 | \$11.85 | \$142.16 | \$11.85 | \$142.16 | |
| 33 | 2/1/2022 | 320 | 352 | 672 | 28 | \$140.53 | \$11.71 | \$140.53 | | \$142.16 | \$11.85 | \$142.16 | \$11.85 | \$142.16 | |
| 34 | 3/1/2022 | 368 | 376 | 744 | 31 | \$140.53 | \$11.71 | \$140.53 | | \$142.16 | \$11.85 | \$142.16 | \$11.85 | \$142.16 | |
| 35 | 4/1/2022 | 336 | 384 | 720 | 30 | \$140.53 | \$11.71 | \$140.53 | | \$142.16 | \$11.85 | \$142.16 | \$11.85 | \$142.16 | |
| 36 | 5/1/2022 | 336 | 408 | 744 | 31 | \$140.53 | \$11.71 | \$140.53 | \$11.71 | \$142.16 | \$11.85 | \$142.16 | \$11.85 | \$142.16 | |
| 37 | 6/1/2022 | 352 | 368 | 720 | 30 | | | | | | | \$50.05 | \$4.17 | \$50.05 | |
| 38 | 7/1/2022 | 320 | 424 | 744 | 31 | | | | | | | \$50.05 | \$4.17 | \$50.05 | \$4.17 |
| 39 | 8/1/2022 | 368 | 376 | 744 | 31 | | | | | | | \$50.05 | \$4.17 | \$50.05 | |
| 40 | 9/1/2022 | 336 | 384 | 720 | 30 | | | | | | | \$50.05 | \$4.17 | \$50.05 | \$4.17 |
| 41 | 10/1/2022 | 336 | 408 | 744 | 31 | | | | | | | \$50.05 | \$4.17 | \$50.05 | \$4.17 |
| 42 | 11/1/2022 | 336 | 384 408 | 720 744 | 30 | | | | | | | \$50.05 | \$4.17 | \$50.05 | \$4.17 |
| 43 44 | 12/1/2022 1/1/2023 | 336 336 | 408 408 | 744 744 | 31 31 | | | | | | | \$50.05 \$50.05 | \$4.17 \$4.17 | \$50.05 \$50.05 | |
| 44 | 2/1/2023 | 320 | 408 352 | 672 | 28 | | | | | | | \$50.05 \$50.05 | \$4.17 \$4.17 | \$50.05 \$50.05 | \$4.17 \$4.17 |
| 45 46 | 3/1/2023 | 368 | 352 376 | 572 744 | 28 31 | | | | | | | \$50.05 \$50.05 | \$4.17 \$4.17 | \$50.05 \$50.05 | \$4.17 \$4.17 |
| 40 | 4/1/2023 | 320 | 400 | 720 | 30 | | | | | | | \$50.05 | \$4.17 | \$50.05 | \$4.17 |
| 48 | 5/1/2023 | 352 | 392 | 744 | 31 | | | | | | | \$50.05 | \$4.17 | \$50.05 | \$4.17 |
| 40 | 5, 1, 2525 | | 552 | | - | | | | | | | 250.05 | Ψ | \$50.05 | Ψ |

AES Ohio Case No. 22-900-EL-SSO AES Ohio Auction Results

Exhibit TAT-3.6 Page 3 of 3

| Line | Description | 3/26/2019 Auction Results | | | | | | | Source |
|------|----------------------------------|------------------------------|-------------|-----------------------|-----------------------|---------|-------------|-------------|-----------------------------------|
| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (1) | (J) |
| | | | | | | | | | |
| 1 | Auction Results | \$44.92 | \$46.51 | \$36.96 | \$40.56 | \$47.22 | \$75.13 | \$122.50 | AES Ohio Auction Website |
| 2 | Delivery Period | 6/19 - 5/21 | 6/19 - 5/22 | 530.90 6/20 - 5/21 | 540.30 6/20 - 5/22 | | 6/22 - 5/23 | 6/22 - 5/23 | AES Ohio Auction Website |
| 2 | • | • • | | -,,-, | | | -, -, - | | |
| 3 | Auction Capacity Value * | \$7.29 | \$8.76 | \$6.42 | \$9.07 | \$11.85 | \$4.17 | \$4.17 | See Note Below |
| 4 | Auction Non-Capacity Value | \$37.63 | \$37.75 | \$30.54 | \$31.50 | \$35.37 | \$70.96 | \$118.33 | Line 1 - Line 3 |
| 5 | DAY DA LMP Basis from AD Hub ** | \$1.68 | \$1.68 | \$1.05 | \$1.05 | \$1.21 | \$2.41 | \$2.42 | See Note Below |
| 6 | Capacity and Basis Removed | \$35.95 | \$36.07 | \$29.49 | \$30.45 | \$34.17 | \$68.55 | \$115.91 | Line 4 - Line 5 |
| 7 | AD Hub Market Price | \$31.23 | \$30.61 | \$25.05 | \$25.14 | \$27.88 | \$55.04 | \$78.62 | Pg 1, ATC Prices from Lines 51-56 |
| 8 | Auction Price/Market Price Ratio | 1.151 | 1.178 | 1.177 | 1.211 | 1.226 | 1.245 | 1.474 | Line 6 / Line 7 |

^{*} For Line 3, Auction Capacity Value is calculated as the sum-product of the relevant RPM Prices and the days in the Delivery Period divided by the sum of the days in the Delivery Period

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

9/26/2022 7:02:50 PM

in

Case No(s). 22-0900-EL-SSO, 22-0901-EL-ATA, 22-0902-EL-AAM

Summary: Testimony PUBLIC Direct Testimony of Tyler A. Teuscher electronically filed by Mr. Jeffrey S. Sharkey on behalf of The Dayton Power and Light Company