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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

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FORM S-3  
REGISTRATION STATEMENT  
Under  
THE SECURITIES ACT OF 1933

**AEP Transmission Company, LLC**  
(Exact name of registrant as specified in its charter)

Delaware  
(State or other jurisdiction  
of incorporation or organization)

46-1125168  
(I.R.S. Employer  
Identification No.)

1 Riverside Plaza  
Columbus, Ohio 43215  
(614) 716-1000  
(Address, including zip code, and telephone number,  
including area code, of registrant's principal executive offices)

DAVID C. HOUSE, Associate General Counsel  
AMERICAN ELECTRIC POWER SERVICE CORPORATION  
1 Riverside Plaza  
Columbus, Ohio 43215  
(614) 716-1630  
(Name, address, including zip code, and telephone number,  
including area code, of agent for service)

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**Approximate date of commencement of proposed sale to the public:** As soon as practicable after the effective date of the  
Registration Statement.

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If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box. ☐

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, please check the following box. ☒

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. ☐

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. ☐

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box. ☒

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box. ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of “large accelerated filer,” “accelerated filer,” “smaller reporting company” and “emerging growth company” in Rule 12b-2 of the Securities Exchange Act of 1934, as amended. (Check one):

Large accelerated filer ☐

Accelerated filer ☐

Non-accelerated filer ☒

Smaller reporting company ☐

Emerging growth company ☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act. ☐

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PROSPECTUS

AEP TRANSMISSION COMPANY, LLC  
1 RIVERSIDE PLAZA  
COLUMBUS, OHIO 43215  
(614) 716-1000

UNSECURED NOTES  
TERMS OF SALE

The following terms may apply to the notes that we may sell at one or more times. A prospectus supplement or pricing supplement will include the final terms for each note. If we decide to list upon issuance any note or notes on a securities exchange, a prospectus supplement or pricing supplement will identify the exchange and state when we expect trading could begin.

- Mature 9 months to 60 years
- Fixed or floating interest rate
- Remarketing features
- Certificate or book-entry form
- Subject to redemption or repayment
- Not convertible, amortized or subject to a sinking fund
- Interest paid on fixed rate notes monthly, quarterly or semi-annually
- Interest paid on floating rate notes monthly, quarterly, semi-annually, or annually
- Issued in multiples of a minimum denomination

**INVESTING IN THESE NOTES INVOLVES RISKS. SEE THE SECTION ENTITLED “RISK FACTORS” ON PAGE 2 FOR MORE INFORMATION.**

**The notes have not been approved or disapproved by the Securities and Exchange Commission or any state securities commission, nor have these organizations determined that this prospectus is accurate or complete. Any representation to the contrary is a criminal offense.**

The date of this prospectus is March 5, 2024.

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## THE COMPANY

We are the holding company of seven regulated transmission-only electric utilities. We are an indirect wholly-owned subsidiary of American Electric Power Company, Inc. (“AEP”). We develop and build new transmission facilities at the request of the regional transmission organizations in which AEP operates and replace and upgrade facilities, assets and components of the existing AEP transmission system as needed to maintain reliability standards and provide service to AEP’s wholesale and retail customers. Our subsidiaries operate in Indiana, Kentucky, Michigan, Ohio, Oklahoma and West Virginia. Neither we nor our subsidiaries have any employees. Instead, our service corporation affiliate and certain AEP utility subsidiaries provide the services required by these entities. Our principal executive offices are located at 1 Riverside Plaza, Columbus, Ohio 43215 and our telephone number is (614) 716-1000.

## PROSPECTUS SUPPLEMENTS

We may provide information to you about the notes in up to three separate documents that progressively provide more detail: (a) this prospectus provides general information some of which may not apply to your notes; (b) the accompanying prospectus supplement provides more specific terms of your notes; and (c) if not included in the accompanying prospectus supplement, a pricing supplement will provide the final terms of your notes. It is important for you to consider the information contained in this prospectus, the prospectus supplement and any pricing supplement in making your investment decision.

## RISK FACTORS

Investing in the notes involves risk. Please see the risk factors described in our most recent Annual Report on Form 10-K for the fiscal year ended December 31, 2023, which is incorporated by reference in this prospectus. Before making an investment decision, you should carefully consider these risks as well as other information contained or incorporated by reference in this prospectus. The risks and uncertainties described are those presently known to us.

## WHERE YOU CAN FIND MORE INFORMATION

This prospectus is part of a registration statement we filed with the Securities and Exchange Commission (“SEC”). We also file annual, quarterly and special reports and other information with the SEC. You may examine our SEC filings through the SEC’s website at <http://www.sec.gov>.

The SEC allows us to “incorporate by reference” the information we file with them, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be part of this prospectus, and later information that we file with the SEC will automatically update and supersede this information. We incorporate by reference the documents listed below and any future filings made with the SEC under Sections 13(a), 13(c), 14, or 15(d) of the Securities Exchange Act of 1934 (including any documents filed after the date of the initial registration statement and prior to its effectiveness) until we sell all the notes.

- Annual Report on Form 10-K for the year ended [December 31, 2023](#).

You may request a copy of these filings, at no cost, by writing or telephoning us at the following address:

Investor Relations  
American Electric Power Service Corporation  
1 Riverside Plaza  
Columbus, Ohio 43215  
614-716-1000

You should rely only on the information incorporated by reference or provided in this prospectus or any supplement and in any written communication from us or any underwriter specifying the final terms of the particular offering. We have not authorized anyone else to provide you with different information. We are not making an offer of these notes in any state where the offer is not permitted. You should not assume that the information in this prospectus or any supplement is accurate as of any date other than the date on the front of those documents.

### **USE OF PROCEEDS**

Unless otherwise stated in a prospectus supplement, the net proceeds from the sale of the notes will be used for funding our construction program and for other general corporate purposes relating to our utility business. These purposes may include redeeming or repurchasing outstanding debt (including the repayment of advances from affiliates) and replenishing working capital. If we do not use the net proceeds immediately, we will temporarily invest them in short-term, interest-bearing obligations. We estimate that our construction costs in 2024 will approximate \$1.3 billion. At February 27, 2024 we had approximately \$267 million in advances from affiliates outstanding.

### **DESCRIPTION OF THE NOTES**

#### **General**

We will issue the notes under an Indenture dated as of November 1, 2016 (as previously supplemented and amended, the “Indenture”) between us and The Bank of New York Mellon Trust Company, N.A., as trustee (the “Trustee”). This prospectus briefly outlines some provisions of the Indenture. If you would like more information on these provisions, you should review the Indenture and any supplemental indentures or company orders that we have filed or will file with the SEC. See *Where You Can Find More Information* on how to locate these documents. You may also review these documents at the Trustee’s offices at 311 South Wacker Drive, Suite 6200B, Floor 62, Chicago, Illinois 60606.

The Indenture does not limit the amount of notes that may be issued. The Indenture permits us to issue notes in one or more series or tranches upon the approval of our board of directors and as described in one or more company orders or supplemental indentures. Each series of notes may differ as to their terms. The Indenture also gives us the ability to reopen a previous issue of a series of notes and issue additional notes of such series.

The notes are unsecured and will rank equally with all our unsecured unsubordinated debt. For current information on our debt outstanding see our most recent Form 10-K and Form 10-Q. See *Where You Can Find More Information*.

The notes will be denominated in U.S. dollars and we will pay principal and interest in U.S. dollars. Unless an applicable pricing or prospectus supplement states otherwise, the notes will not be

subject to any conversion, amortization, or sinking fund. We expect that the notes will be “book-entry,” represented by a permanent global note registered in the name of The Depository Trust Company, or its nominee. We reserve the right, however, to issue note certificates registered in the name of the noteholders.

In the discussion that follows, whenever we talk about paying principal on the notes, we mean at maturity or redemption. Also, in discussing the time for notices and how the different interest rates are calculated, all times are New York City time and all references to New York mean the City of New York, unless otherwise noted.

The following terms may apply to each note as specified in the applicable pricing or prospectus supplement and the note.

## **Redemptions**

If we issue redeemable notes, we may redeem such notes at our option unless an applicable pricing or prospectus supplement states otherwise. The pricing or prospectus supplement will state the terms of redemption. We may redeem notes in whole or in part by delivering written notice to the noteholders no more than 60, and not less than 30, days prior to redemption. If we do not redeem all the notes of a series at one time, DTC (as defined below), in the case of notes represented by a global security, will select the particular notes or portions thereof for redemption from the outstanding notes not previously redeemed in accordance with applicable procedures of DTC. If note certificates are outstanding, the Trustee selects the notes to be redeemed by lot or in such other manner it determines to be fair.

## **Remarketed Notes**

If we issue notes with remarketing features, an applicable pricing or prospectus supplement will describe the terms for the notes including: interest rate, remarketing provisions, our right to redeem notes, the holders’ right to tender notes, and any other provisions.

## **Book-Entry Notes - Registration, Transfer, and Payment of Interest and Principal**

Unless otherwise stated in a prospectus supplement, book-entry only securities of a series of notes will be issued in the form of a global note that the Trustee will deposit with the Depository Trust Company (“DTC”), New York, New York. This means that we will not issue notes to each holder. One or more global notes will be issued to Cede & Co. (DTC’s partnership nominee) or such other name as may be requested by an authorized representative of DTC who will keep a computerized record of its participants (for example, your broker) whose clients have purchased the notes. The participant will then keep a record of its clients who purchased the notes. Unless it is exchanged in whole or in part for a note certificate, a global note may not be transferred, except that DTC, its nominees, and their successors may transfer a global note as a whole to one another.

Beneficial interests in global notes will be shown on, and transfers of global notes will be made only through, records maintained by DTC and its participants.

DTC, the world’s largest securities depository, is a limited-purpose trust company organized under the New York Banking Law, a “banking organization” within the meaning of the New York Banking Law, a member of the Federal Reserve System, a “clearing corporation” within the meaning of the New York Uniform Commercial Code, and a “clearing agency” registered pursuant to the provisions of Section 17A of the Securities Exchange Act of 1934, as amended. DTC holds and provides asset servicing for over 3.5

million issues of U.S. and non-U.S. equity issues, corporate and municipal debt issues, and money market instruments (from over 100 countries) that DTC's participants ("Direct Participants") deposit with DTC. DTC also facilitates the post-trade settlement among Direct Participants of sales and other securities transactions in deposited securities, through electronic computerized book-entry transfers and pledges between Direct Participants' accounts. This eliminates the need for physical movement of securities certificates. Direct Participants include both U.S. and non-U.S. securities brokers and dealers, banks, trust companies, clearing corporations, and certain other organizations. DTC is a wholly-owned subsidiary of The Depository Trust & Clearing Corporation ("DTCC"). DTCC is the holding company for DTC, National Securities Clearing Corporation and Fixed Income Clearing Corporation, all of which are registered clearing agencies. DTCC is owned by the users of its regulated subsidiaries. Access to the DTC system is also available to others such as both U.S. and non-U.S. securities brokers and dealers, banks, trust companies, and clearing corporations that clear through or maintain a custodial relationship with a Direct Participant, either directly or indirectly ("Indirect Participants"). The DTC Rules applicable to its Participants are on file with the SEC. More information about DTC can be found at [www.dtcc.com](http://www.dtcc.com).

Purchases of notes under the DTC system must be made by or through Direct Participants, which will receive a credit for the notes on DTC's records. The ownership interest of each actual purchaser of each note ("Beneficial Owner") is in turn to be recorded on the Direct and Indirect Participants' records. Beneficial Owners will not receive written confirmation from DTC of their purchase. Beneficial Owners are, however, expected to receive written confirmations providing details of the transaction, as well as periodic statements of their holdings, from the Direct or Indirect Participant through which the Beneficial Owner entered into the transaction. Transfers of ownership interests in the notes are to be accomplished by entries made on the books of Direct and Indirect Participants acting on behalf of Beneficial Owners. Beneficial Owners will not receive certificates representing their ownership interests in notes, except in the event that use of the book-entry system for the notes is discontinued.

To facilitate subsequent transfers, all notes deposited by Direct Participants with DTC are registered in the name of DTC's partnership nominee, Cede & Co., or such other name as may be requested by an authorized representative of DTC. The deposit of notes with DTC and their registration in the name of Cede & Co. or such other DTC nominee do not effect any change in beneficial ownership. DTC has no knowledge of the actual Beneficial Owners of the notes; DTC's records reflect only the identity of the Direct Participants to whose accounts such notes are credited, which may or may not be the Beneficial Owners. The Direct and Indirect Participants will remain responsible for keeping account of their holdings on behalf of their customers.

Conveyance of notices and other communications by DTC to Direct Participants, by Direct Participants to Indirect Participants, and by Direct Participants and Indirect Participants to Beneficial Owners will be governed by arrangements among them, subject to any statutory or regulatory requirements as may be in effect from time to time. Beneficial Owners of notes may wish to take certain steps to augment the transmission to them of notices of significant events with respect to the notes, such as redemptions, tenders, defaults, and proposed amendments to the notes documents. For example, Beneficial Owners of notes may wish to ascertain that the nominee holding the notes for their benefit has agreed to obtain and transmit notices to Beneficial Owners. In the alternative, Beneficial Owners may wish to provide their names and addresses to the registrar and request that copies of notices be provided directly to them.

Redemption notices shall be sent to DTC. If less than all of the notes are being redeemed, DTC's practice is to determine by lot the amount of the interest of each Direct Participant in such issue to be redeemed.

Neither DTC nor Cede & Co. (nor any other DTC nominee) will consent or vote with respect to the notes unless authorized by a Direct Participant in accordance with DTC's MMI Procedures. Under its usual procedures, DTC mails an Omnibus Proxy to us as soon as possible after the record date. The Omnibus Proxy assigns Cede & Co.'s consenting or voting rights to those Direct Participants to whose accounts the notes are credited on the record date (identified in a listing attached to the Omnibus Proxy).

Payments on the notes will be made to Cede & Co., or such other nominee as may be requested by an authorized representative of DTC. DTC's practice is to credit Direct Participants' accounts upon DTC's receipt of funds and corresponding detail information from us or the Trustee on the payable date in accordance with their respective holdings shown on DTC's records. Payments by Participants to Beneficial Owners will be governed by standing instructions and customary practices, as is the case with notes held for the accounts of customers in bearer form or registered in "street name", and will be the responsibility of such Participant and not of DTC, the Trustee or us, subject to any statutory or regulatory requirements as may be in effect from time to time. Payment of redemption proceeds and distributions to Cede & Co. (or such other nominee as may be requested by an authorized representative of DTC) is our responsibility, disbursement of such payments to Direct Participants will be the responsibility of DTC, and disbursement of such payments to the Beneficial Owners will be the responsibility of Direct and Indirect Participants.

A Beneficial Owner shall give notice to elect to have its notes purchased or tendered, through its Participant, to the Tender/Remarketing Agent, and shall effect delivery of such notes by causing the Direct Participant to transfer the Participant's interest in the notes, on DTC's records, to the Tender/Remarketing Agent. The requirement for physical delivery of the notes in connection with an optional tender or a mandatory purchase will be deemed satisfied when the ownership rights in the notes are transferred by Direct Participants on DTC's records and followed by a book-entry credit of tendered notes to the Tender/Remarketing Agent's DTC account.

DTC may discontinue providing its services as depository with respect to the notes at any time by giving reasonable notice to us. Under such circumstances, in the event that a successor depository is not obtained, note certificates are required to be printed and delivered.

We may decide to discontinue use of the system of book-entry only transfers through DTC (or a successor securities depository). In that event, note certificates will be printed and delivered to DTC.

The information in this section concerning DTC and DTC's book-entry system has been obtained from sources that we believe to be reliable, but we take no responsibility for the accuracy thereof.

### **Note Certificates-Registration, Transfer, and Payment of Interest and Principal**

If we issue note certificates, they will be registered in the name of the noteholder. The notes may be transferred or exchanged, pursuant to administrative procedures in the Indenture, without the payment of any service charge (other than any tax or other governmental charge) by contacting the paying agent. Payments on note certificates will be made by check or by wire transfer to an account located in the United States maintained by the person entitled thereto as specified in the security register.

### **Interest Rate**

The interest rate on the notes will either be fixed or floating. The interest paid will include interest accrued to, but excluding, the date of maturity or redemption. Interest is generally payable to the person in whose name the note is registered at the close of business on the record date before each interest



payment date. Interest payable at maturity or redemption, however, will be payable to the person to whom principal is payable.

Unless an applicable pricing or prospectus supplement states otherwise, if we issue a note after a record date but on or prior to the related interest payment date, we will pay the first interest payment on the interest payment date after the next record date. We will pay interest payments by check or wire transfer, at our option.

#### *Fixed Rate Notes*

A pricing or prospectus supplement will designate the record dates, payment dates and the fixed rate of interest payable on a note. We will pay interest monthly, quarterly or semi-annually, and upon maturity or redemption. Unless an applicable pricing or prospectus supplement states otherwise, if any payment date falls on a day that is not a business day, we will pay interest on the next business day and no additional interest will be paid. Interest payments will be the amount of interest accrued to, but excluding, each payment date. Interest will be computed using a 360-day year of twelve 30-day months.

#### *Floating Rate Notes*

Each floating rate note will have an interest rate formula. The applicable pricing supplement will state the initial interest rate or interest rate formula on each note effective until the first interest reset date. The applicable pricing or prospectus supplement will state the method and dates on which the interest rate will be determined, reset and paid.

### **Events of Default**

“Event of Default” means any of the following:

- failure to pay for three business days the principal of (or premium, if any, on) any note of a series when due and payable;
- failure to pay for 30 days any interest on any note of any series when due and payable;
- failure to perform any other requirements in such notes, or in the Indenture in regard to such notes, for 90 days after notice;
- certain events of bankruptcy or insolvency; or
- any other event of default specified in a series of notes.

An Event of Default for a particular series of notes does not necessarily mean that an Event of Default has occurred for any other series of notes issued under the Indenture. If an Event of Default occurs and continues, the Trustee or the holders of at least 33% of the principal amount of the notes of the series affected may require us to repay the entire principal of the notes of such series immediately (“Repayment Acceleration”). In most instances, the holders of at least a majority in aggregate principal amount of the notes of the affected series may rescind a previously triggered Repayment Acceleration. However, if we cause an Event of Default because we have failed to pay (unaccelerated) principal, premium, if any, or interest, Repayment Acceleration may be rescinded only if we have first cured our default by depositing with the Trustee enough money to pay all (unaccelerated) past due amounts and penalties, if any.

Subject to certain exceptions, the Trustee must within 90 days after a default occurs, notify the holders of the notes of the series of default unless such default has been cured or waived. We are required to file an annual certificate with the Trustee, signed by an officer, concerning any default by us under any provisions of the Indenture.

Subject to the provisions of the Indenture relating to its duties in case of default, the Trustee shall be under no obligation to exercise any of its rights or powers under the Indenture at the request, order or direction of any holders unless such holders offer the Trustee security or indemnity satisfactory to it. Subject to the provisions for indemnification, the holders of a majority in principal amount of the notes of any series may direct the time, method and place of conducting any proceedings for any remedy available to, or exercising any trust or power conferred on, the Trustee with respect to such notes.

### **Modification of Indenture**

Under the Indenture, our rights and obligations and the rights of the holders of any notes may be changed. Any change affecting the rights of the holders of any series of notes requires the consent of the holders of not less than a majority in aggregate principal amount of the outstanding notes of all series affected by the change, voting as one class. However, we cannot change the terms of payment of principal or interest, or a reduction in the percentage required for changes or a waiver of default, unless the holder consents. We may issue additional series of notes and take other action that does not affect the rights of holders of any series by executing supplemental indentures without the consent of any noteholders.

### **Consolidation, Merger or Sale**

We may merge or consolidate with any entity or sell substantially all of our assets as an entirety as long as the successor or purchaser expressly assumes the payment of principal, and premium, if any, and interest on the notes.

### **Legal Defeasance**

We will be discharged from our obligations on the notes of any series at any time if:

- we deposit with the Trustee sufficient cash or government securities to pay the principal, interest, any premium and any other sums due to the stated maturity date or a redemption date of the note of the series; and
- we deliver to the Trustee an opinion of counsel stating that the federal income tax obligations of noteholders of that series will not change as a result of our performing the action described above.

If this happens, the noteholders of the series will not be entitled to the benefits of the Indenture except for registration of transfer and exchange of notes and replacement of lost, stolen or mutilated notes.

### **Covenant Defeasance**

We will be discharged from our obligations under certain restrictive covenants applicable to the notes of a particular series if, among other things, we perform both actions described above. See *Legal Defeasance*. If this happens, any later breach of that particular restrictive covenant will not result in Repayment Acceleration. If we cause an Event of Default apart from breaching that restrictive covenant, there may not be sufficient money or government obligations on deposit with the Trustee to pay all amounts due on the notes of that series. In that instance, we would remain liable for such amounts.

## **Governing Law**

The Indenture and notes of all series will be governed by the laws of the State of New York.

## **Concerning the Trustee**

We and our affiliates use or will use some of the banking services of the Trustee and other services of its affiliates in the normal course of business.

## **PLAN OF DISTRIBUTION**

We may sell the notes (a) through agents; (b) through underwriters or dealers; or (c) directly to one or more purchasers.

### **By Agents**

Notes may be sold on a continuing basis through agents designated by us. The agents will agree to use their reasonable efforts to solicit purchases for the period of their appointment.

The agents will not be obligated to make a market in the notes. We cannot predict the amount of trading or liquidity of the notes.

### **By Underwriters**

If underwriters are used in the sale, the underwriters will acquire the notes for their own accounts. The underwriters may resell the notes in one or more transactions, including negotiated transactions, at a fixed public offering price or at varying prices determined at the time of sale. The obligations of the underwriters to purchase the notes will be subject to certain conditions. The underwriters will be obligated to purchase all the notes of the series offered if any of the notes are purchased. Any initial public offering price and any discounts or concessions allowed or re-allowed or paid to dealers may be changed from time to time.

### **Direct Sales**

We may also sell notes directly. In this case, no underwriters or agents would be involved.

## **General Information**

Underwriters, dealers, and agents that participate in the distribution of the notes may be underwriters as defined in the Securities Act of 1933 (the “Act”), and any discounts or commissions received by them from us and any profit on the resale of the notes by them may be treated as underwriting discounts and commissions under the Act.

We may have agreements with the underwriters, dealers and agents to indemnify them against certain civil liabilities, including liabilities under the Act or to contribute to payments that each underwriter, dealer or agent may be required to make in respect thereto.

Underwriters, dealers and agents and their respective affiliates may engage in transactions with, or perform services for, us or our affiliates in the ordinary course of their businesses.

## **LEGAL OPINIONS**

David C. House, Esq., Associate General Counsel of American Electric Power Service Corporation, one of our affiliates, William E. Johnson, Esq., Senior Counsel of American Electric Power Service Corporation, or Ryan F. Aguiar, Esq., Senior Counsel of American Electric Power Service Corporation, will issue an opinion about the legality of the notes for us. Hunton Andrews Kurth LLP, New York, NY will issue an opinion for the agents or underwriters. From time to time, Hunton Andrews Kurth LLP acts as counsel to our affiliates for some matters.

## **EXPERTS**

The financial statements of AEP Transmission Company, LLC incorporated in this Prospectus by reference to the AEP Transmission Company, LLC Annual Report on Form 10-K for the year ended December 31, 2023 have been so incorporated in reliance on the report of PricewaterhouseCoopers LLP, an independent registered public accounting firm, given on the authority of said firm as experts in auditing and accounting.

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**PART II**

**INFORMATION NOT REQUIRED IN PROSPECTUS**

**Item 14. Other Expenses of Issuance and Distribution.**

Securities and Exchange Commission Filing Fees	**
Fees and Expenses of Trustee	*
Printing Expenses	*
Counsel Fees	*
Rating Agency Fees	*
Accountant Fees	*
Listing Fees	***
Miscellaneous expenses	*
Total	*

\* Because an indeterminate amount of securities is covered by this registration statement, the expenses in connection with the issuance and distribution of the securities are therefore not currently determinable.

\*\* Under SEC Rules 456(b) and 457(r), the Securities and Exchange Commission fee will be paid at the time of any particular offering of securities under this registration statement, and is therefore not currently determinable.

\*\*\* The listing fee is based upon the principal amount of securities listed, if any, and is therefore not currently determinable.

**Item 15. Indemnification of Directors and Officers.**

The Limited Liability Agreement of the Company provides that, unless otherwise prohibited by law, the Company shall indemnify and hold harmless the Managers and officers of the Company and their respective successors from any claim, loss, expense, liability, action or damage resulting from any act or omission performed by or on behalf of or omitted by such person in their capacity as a Manager or officer of the Company, including, without limitation, reasonable costs and expenses of their attorneys engaged in defense of any such act or omission; provided, however, that such persons shall not be indemnified or held harmless for any act or omission that is in violation of any of the provisions of the Limited Liability Agreement or that constitutes fraud, gross negligence or willful misconduct.

Section 145 of the Delaware General Corporation Law provides that a Delaware corporation may indemnify any persons, including officers and directors, who are, or are threatened to be made, parties to any threatened, pending or completed legal action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of such corporation), by reason of the fact that such person is or was an officer, director, employee or agent of such corporation, or is or was serving at the request of such corporation as a director, officer, employee or agent of another corporation. The indemnity may include expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by such person in connection with such action, suit or proceeding, provided such person acted in good faith and in a manner he reasonably believed to be in or not opposed to the corporation's best interests and, for criminal actions or proceedings, had no reasonable cause to believe that his conduct was unlawful. A Delaware corporation may indemnify officers and directors in an action by or in the right of the corporation under the same conditions, except that no indemnification is permitted without judicial approval if the officer or director is adjudged to be liable to the corporation. Where an officer or director is successful on the merits or otherwise in the defense of any action referred to above, the corporation must indemnify him against the expenses (including attorneys' fees) which such officer or director actually and reasonably incurred.

The above is a general summary of certain provisions of the Company's Limited Liability Agreement and the Delaware General Corporation Law and is subject in all respects to the specific and detailed provisions of the Company's Limited Liability Agreement and the Delaware General Corporation Law.

The Company maintains insurance policies insuring its directors and officers against certain obligations that may be incurred by them.

#### **Item 16. Exhibits.**

Reference is made to the information contained in the Exhibit Index filed as part of this Registration Statement.

#### **Item 17. Undertakings**

(a) The undersigned registrant hereby undertakes:

(i) To file, during any period in which offers or sales are being made, a post-effective amendment to this Registration Statement:

(i) to include any prospectus required by Section 10(a)(3) of the Securities Act of 1933;

(ii) to reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and

(iii) to include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;

*provided, however*, that (a)(1)(i), (ii) and (iii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the registrant pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the registration statement.

(ii) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration

statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

- (iii) To remove from registration by means of post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.
- (iv) That, for the purpose of determining liability under the Securities Act of 1933 to any purchaser:
  - (i) Each prospectus filed by the registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and
  - (ii) Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5), or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii) or (x) for the purpose of providing the information required by Section 10(a) of the Securities Act of 1933 shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which that prospectus relates, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof. *Provided, however*, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.
- (v) That, for the purpose of determining liability of the registrant under the Securities Act of 1933 to any purchaser in the initial distribution of the securities, the undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:
  - (i) Any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;



- (ii) Any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;
  - (iii) The portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and
  - (iv) Any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.
- (b) The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Securities Exchange Act of 1934 that is incorporated by reference in this registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.
- (c) Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Act and will be governed by the final adjudication of such issue.

## EXHIBIT INDEX

Certain of the following exhibits, designated with an asterisk (\*), are filed herewith. The exhibits not so designated have heretofore been filed with the Commission and, pursuant to 17 C.F.R. §201.24 and §230.411, are incorporated herein by reference to the documents indicated following the descriptions of such exhibits.

<u>Exhibit No.</u>	<u>Description</u>
* 1	— <a href="#">Proposed Underwriting Agreement for the unsecured notes.</a>
4(a)	— Indenture, dated as of November 1, 2016, between the Company and The Bank of New York Mellon Trust Company, N.A., as Trustee for the unsecured notes and First Supplemental Indenture dated as of November 21, 2016 between the Company and The Bank of New York Mellon Trust Company, N.A., as Trustee for the unsecured notes. [Registration Statement No. 333-217143, Exhibit <a href="#">4(a)-1</a> and <a href="#">4(a)-2</a> ; Registration Statement No. 333-225325, Exhibits <a href="#">4(b)</a> , <a href="#">4(c)</a> , <a href="#">4(d)</a> , <a href="#">4(e)</a> , <a href="#">4(f)</a> and <a href="#">4(g)</a> ; Registration Statement No. 333-255605, Exhibits <a href="#">4(b)</a> , <a href="#">4(c)</a> , <a href="#">4(d)</a> and <a href="#">4(e)</a> ].
* 4(b)	— <a href="#">Copy of Company Order and Officers' Certificate, dated August 4, 2021, establishing certain terms of the 2.75% Senior Notes, Series N, due 2051.</a>
* 4(c)	— <a href="#">Copy of Company Order and Officers' Certificate, dated June 9, 2022, establishing certain terms of the 4.50% Senior Notes, Series O, due 2052.</a>
* 4(d)	— <a href="#">Copy of Company Order and Officers' Certificate, dated March 13, 2024, establishing certain terms of the 5.40% Senior Notes, Series P, due 2053.</a>
* 4(e)	— <a href="#">Proposed form of Company Order for the unsecured notes.</a>
* 5	— <a href="#">Opinion of William E. Johnson, Esq. with respect to the unsecured notes.</a>
*23(a)	— <a href="#">Consent of PricewaterhouseCoopers LLP.</a>
23(b)	— <a href="#">Consent of William E. Johnson, Esq. (included in Exhibit 5 filed herewith)</a>
*24	— <a href="#">Powers of Attorney and resolutions of the Board of Managers of the Company.</a>
*25	— <a href="#">Form T-1 Statement of Eligibility of The Bank of New York Mellon Trust Company, N.A. to act as Trustee under the Indenture, dated as of November 1, 2016.</a>
*107	— <a href="#">Filing Fee Table</a>

## SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable cause to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Columbus and State of Ohio, on the 5th day of March, 2024.

AEP TRANSMISSION COMPANY, LLC

Benjamin G. S. Fowke, III\*  
Chair of the Board and  
Interim Chief Executive Officer

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed below by the following persons in the capacities and on the dates indicated.

	<b><u>Signature</u></b>	<b><u>Title</u></b>	<b><u>Date</u></b>
(i)	<b>Principal Executive Officer</b> Benjamin G. S. Fowke, III*	Chair of the Board and Interim Chief Executive Officer	March 5, 2024
(ii)	<b>Principal Financial Officer:</b>  <u>/s/ Charles E. Zebula</u> Charles E. Zebula	Vice President and Chief Financial Officer	March 5, 2024
(iii)	<b>Principal Accounting Officer:</b>  <u>/s/ Kate Sturgess</u> Kate Sturgess	Controller and Chief Accounting Officer	March 5, 2024
(iv)	<b>A Majority of the Managers:</b>  Christian T. Beam* David M. Feinberg*	Benjamin G. S. Fowke, III* Charles E. Zebula*	

\*By /s/ Charles E. Zebula March 5, 2024  
(Charles E. Zebula, Attorney-in-Fact)

## Calculation of Filing Fee Table

FORM S-3  
(Form Type)AEP Transmission Company, LLC  
(Exact Name of Registrant as Specified in its Charter)

Table 1: Newly Registered and Carry Forward Securities

	Security Type	Security Class Title	Fee Calculation or Carry Forward Rule	Amount Registered (1)	Proposed Maximum Offering Price Per Unit (1)	Maximum Aggregate Offering Price (1)	Fee Rate (1)	Amount of Registration Fee (1)	Carry Forward Form Type	Carry Forward File Number	Carry Forward Initial effective date	Filing Fee Previously Paid In Connection with Unsold Securities to be Carried Forward
Newly Registered Securities												
Fees to Be Paid	Debt	Senior Notes	457(r) (1)									
Fees Previously Paid	N/A	N/A	N/A	N/A	N/A	N/A		N/A				
Carry Forward Securities												
Carry Forward Securities	Debt	Senior Notes	415(a)(6)	\$300,000,000		\$300,000,000			S-3	333-255605	May 14, 2021	\$32,730(2)
Total Offering Amounts						\$300,000,000		(1)				
Total Fees Previously Paid								N/A				
Total Fee Offsets								N/A				
Net Fee Due								(1)				

- (1) There are being registered hereunder a presently indeterminate principal amount or number of Senior Notes. We may refer to Senior Notes herein as "Debt Securities". An indeterminate aggregate initial offering price and amount of the securities of the identified class is being registered as may from time to time be offered at indeterminate prices. In accordance with Rules 456(b) and 457(r), the Registrant is deferring payment of all of the registration fee.
- (2) Pursuant to Rule 415(a)(6) under the Securities Act, the Registration Statement to which this Calculation of Filing Fee Table is attached (the "Registration Statement") includes \$300,000,000 of Senior Notes that were previously registered, but were not sold (the "Unsold Securities"), pursuant to the Company's registration statement on Form S-3 (File No. 333-255605) filed with the Securities and Exchange Commission (the "SEC") on May 14, 2021 (the "Prior Registration Statement"). The registration fee with respect to the Unsold Securities, totaling \$32,370, was previously paid as part of the Prior Registration Statement and such registration fee will continue to be applied to the Unsold Securities. In accordance with Rule 415(a)(6), the offering of securities registered under the Prior Registration Statement will be terminated as of the date of effectiveness of this Registration Statement

AEP TRANSMISSION COMPANY, LLC

Underwriting Agreement  
Dated \_\_\_\_\_, 2021

AGREEMENT made between AEP TRANSMISSION COMPANY, LLC, a limited liability company organized and existing under the laws of the State of Delaware (the Company), and the several persons, firms and corporations (the Underwriters) named in Exhibit 1 hereto.

WITNESSETH:

WHEREAS, the Company proposes to issue and sell \$\_\_\_\_\_,000,000 aggregate principal amount of its \_\_\_\_\_% Senior Notes, Series \_\_\_\_, due 20\_\_\_\_ (the Notes) to be issued pursuant to the Indenture dated as of November 1, 2016, between the Company and The Bank of New York Mellon Trust, N.A., as trustee (the Trustee), as heretofore supplemented and amended and as to be further supplemented and amended (said Indenture as so supplemented being hereafter referred to as the Indenture); and

WHEREAS, the Underwriters have designated the persons signing this Agreement (collectively, the Representative) to execute this Agreement on behalf of the respective Underwriters and to act for the respective Underwriters in the manner provided in this Agreement; and

WHEREAS, the Company has prepared and filed, in accordance with the provisions of the Securities Act of 1933, as amended (the Act), with the Securities and Exchange Commission (the Commission), a registration statement (File No. 333-\_\_\_\_\_) and a prospectus relating to \$\_\_\_\_\_,000,000 principal amount of, among other securities, its Senior Notes and such registration statement has become effective; and

WHEREAS, such registration statement, including the financial statements, the documents incorporated or deemed incorporated therein by reference, and the exhibits thereto, being herein called, collectively, the Registration Statement, and the prospectus, including the documents incorporated or deemed incorporated therein by reference, constituting a part of such Registration Statement, as it may be last amended or supplemented prior to the effectiveness of this Agreement, but excluding any amendment or supplement relating solely to securities other than the Notes, being herein called the Basic Prospectus, and the Basic Prospectus, as amended and supplemented, including documents incorporated by reference therein, together with the Preliminary Prospectus Supplement dated \_\_\_\_\_, 2021, immediately prior to the Applicable Time (as defined below), being herein called the Pricing Prospectus, and the Basic Prospectus included in the Registration Statement, as it is to be supplemented by a final prospectus supplement (the Prospectus Supplement) to include information relating to the Notes, including the names of the Underwriters, the price and terms of the offering, the interest rate, maturity date and certain other information relating to the Notes, which will be filed with the Commission pursuant to Rule 424(b) of the Commission's General Rules and Regulations under the Act (the Rules), including all documents then incorporated or deemed to have been incorporated therein by reference, being herein called the Prospectus.

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For purposes of this Agreement, the Applicable Time is 12:30 pm (New York Time) on the date of this Agreement and the documents listed in Exhibit 3, taken together, collectively being herein called the Pricing Disclosure Package.

NOW, THEREFORE, in consideration of the premises and the mutual covenants herein contained, it is agreed between the parties as follows:

1. Purchase and Sale: Upon the basis of the warranties and representations and on the terms and subject to the conditions herein set forth, the Company agrees to sell to the respective Underwriters named in Exhibit 1 hereto, severally and not jointly, and the respective Underwriters, severally and not jointly, agree to purchase from the Company, the respective principal amounts of the Notes set opposite their names in Exhibit 1 hereto, together aggregating all of the Notes, at a price equal to \_\_\_\_\_% of the principal amount thereof.

2. Payment and Delivery: Payment for the Notes shall be made to the Company in immediately available funds or in such other manner as the Company and the Representative shall mutually agree upon in writing, upon the delivery of the Notes to the Representative for the respective accounts of the Underwriters against receipt therefor signed by the Representative on behalf of itself and for the other Underwriters. Such delivery shall be made at 10:00 A.M., New York Time, on \_\_\_\_\_, 2015 (or on such later business day, not more than five business days subsequent to such day, as may be mutually agreed upon by the Company and the Underwriters), unless postponed in accordance with the provisions of Section 9 hereof, at the office of Hunton Andrews Kurth LLP, 200 Park Avenue, New York, New York 10166, or at such other place as the Company and the Representative shall mutually agree in writing. The time at which payment and delivery are to be made is herein called the Time of Purchase.

The delivery of the Notes shall be made in fully registered form, registered in the name of CEDE & CO., to the offices of The Depository Trust Company in New York, New York and the Representative shall accept such delivery on behalf of itself and the other Underwriters.

3. Conditions of Underwriters' Obligations: The several obligations of the Underwriters hereunder are subject to the accuracy of the warranties and representations on the part of the Company on the date hereof, at the Applicable Time, and at the Time of Purchase and to the following other conditions:

- (a) That all legal proceedings to be taken and all legal opinions to be rendered in connection with the issue and sale of the Notes shall be satisfactory in form and substance to Hunton Andrews Kurth LLP, counsel to the Underwriters.
- (b) That, at the Time of Purchase, the Underwriters shall be furnished with the following opinions, dated the day of the Time of Purchase, with such changes therein as may be agreed upon by the Company and the Underwriters with the approval of Hunton Andrews Kurth LLP, counsel to the Underwriters:
  - (1) Opinion of David C. House, Esq., William E. Johnson, Esq., or Ryan F. Aguiar, Esq., counsel to the Company, substantially in the form heretofore previously provided to the Underwriters;

- (2) Opinion of Simpson Thacher & Bartlett LLP, special tax counsel to the Company, substantially in the form heretofore previously provided to the Underwriters; and
  - (3) Opinion and related negative assurance letter of Hunton Andrews Kurth LLP, counsel to the Underwriters, substantially in the forms heretofore previously provided to the Underwriters.
- (c) That the Underwriters shall have received on the date hereof and shall receive at the Time of Purchase letters from:
- (1) PricewaterhouseCoopers LLP (i) dated the date hereof and (ii) dated the date of the Time of Purchase, respectively, in form and substance satisfactory to the Underwriters (which may refer to the letter previously delivered to the Underwriters, as applicable) (x) confirming that with respect to the Company they are an independent registered public accounting firm within the meaning of the Act and the applicable published rules and regulations of the Commission and the Public Company Accounting Oversight Board (United States) thereunder, (y) stating that in their opinion the financial statements audited by them and included or incorporated by reference in the Registration Statement, Pricing Prospectus and Prospectus, respectively, complied as to form in all material respects with the then applicable accounting requirements of the Commission, including the applicable published rules and regulations of the Commission, and (z) covering as of a date not more than three business days prior to the date of each such letter, as applicable, such other matters as the Underwriters reasonably request.
- (d) The Pricing Term Sheet (as defined in Section 6(a) hereof) contemplated by Section 6(b) hereof, and any other material required pursuant to Rule 433(d) under the Act, shall have been filed by the Company with the Commission within the applicable time periods prescribed by Rule 433 under the Act.
- (e) That no amendment to the Registration Statement and that no supplement to the Pricing Prospectus or the Prospectus of the Company (other than the Pricing Prospectus or amendments, prospectuses or prospectus supplements relating solely to securities other than the Notes) relating to the Notes and no document which would be deemed incorporated in the Pricing Prospectus or Prospectus by reference filed subsequent to the date hereof and prior to the Time of Purchase shall contain material information substantially different from that contained in the Pricing Prospectus which is unsatisfactory in substance to the Underwriters or unsatisfactory in form to Hunton Andrews Kurth LLP, counsel to the Underwriters.
- (f) That, from the date hereof to the Time of Purchase, there shall not have been any material adverse change in the business, properties or financial condition of the Company from that set forth in the Pricing Prospectus (other than changes referred to in or contemplated by the Pricing Prospectus), and that the Company shall, at the Time of Purchase, have delivered to the Underwriters a certificate of an executive officer of the Company to the effect that, to the best of his knowledge, information and belief, there has been no such change.
- (h) That the Company shall have performed such of its obligations under this Agreement as are to be performed at or before the Time of Purchase by the terms hereof.



4. Certain Covenants of the Company: In further consideration of the agreements of the Underwriters herein contained, the Company covenants as follows:

- (a) As soon as practicable, and in any event within the time prescribed by Rule 424 under the Act, to file the Prospectus with the Commission and make any other required filings pursuant to Rule 433 under the Act; as soon as the Company is advised thereof, to advise the Underwriters and confirm the advice in writing of any request made by the Commission for amendments to the Registration Statement, Pricing Prospectus or Prospectus or for additional information with respect thereto or of the entry of an order suspending the effectiveness of the Registration Statement or preventing or suspending the use of the Pricing Prospectus or the Prospectus or of the initiation or threat of any proceedings for that purpose and, if such an order should be entered by the Commission, to make every reasonable effort to obtain the prompt lifting or removal thereof.
- (b) To deliver to the Underwriters, without charge, as soon as practicable (and in any event within 24 hours after the date hereof), and from time to time thereafter during such period of time (not exceeding nine months) after the date hereof as they are required by law to deliver a prospectus (or required to deliver but for Rule 172 under the Act), as many copies of the Prospectus (as supplemented or amended if the Company shall have made any supplements or amendments thereto, other than supplements or amendments relating solely to securities other than the Notes) as the Underwriters may reasonably request; and in case any Underwriter is required to deliver a prospectus after the expiration of nine months after the date hereof, to furnish to any Underwriter, upon request, at the expense of such Underwriter, a reasonable quantity of a supplemental prospectus or of supplements to the Prospectus complying with Section 10(a)(3) of the Act.
- (c) To furnish to the Underwriters a copy, certified by the Secretary or an Assistant Secretary of the Company, of the Registration Statement as initially filed with the Commission and of all amendments thereto (exclusive of exhibits), other than amendments relating solely to securities other than the Notes and, upon request, to furnish to the Underwriters sufficient plain copies thereof (exclusive of exhibits) for distribution to the other Underwriters.
- (d) For such period of time (not exceeding nine months) after the date hereof as they are required by law to deliver a prospectus (or required to deliver but for Rule 172 under the Act), if any event shall have occurred as a result of which it is necessary to amend or supplement the Pricing Prospectus or the Prospectus in order to make the statements therein, in the light of the circumstances when the Pricing Prospectus or the Prospectus is delivered to a purchaser, not contain any untrue statement of a material fact or not omit to state any material fact required to be stated therein or necessary in order to make the statements therein not misleading, forthwith to prepare and furnish, at its own expense, to the Underwriters and to dealers (whose names and addresses will be furnished to the Company by the Underwriters) to whom principal amounts of the Notes may have been sold by the Underwriters for the accounts of the Underwriters and, upon request, to any other dealers making such request, copies of such amendments to the Pricing Prospectus or the Prospectus or supplements to the Pricing Prospectus or the Prospectus.
- (e) As soon as practicable, the Company will make generally available to its security holders and to the Underwriters an earnings statement or statement of the Company and its subsidiaries which will satisfy the provisions of Section 11(a) of the Act and Rule 158 under the Act.

- (f) To use its best efforts to qualify the Notes for offer and sale under the securities or “blue sky” laws of such jurisdictions as the Underwriters may designate and shall maintain such qualifications so long as required for the offering and sale of the Notes within six months after the date hereof and itself to pay, or to reimburse the Underwriters and their counsel for, reasonable filing fees and expenses in connection therewith in an amount not exceeding \$3,500 in the aggregate (including filing fees and expenses paid and incurred prior to the effective date hereof), provided, however, that the Company shall not be required to qualify as a foreign corporation or to file a consent to service of process or to file annual reports or to comply with any other requirements deemed by the Company to be unduly burdensome.
  - (g) To pay all expenses, fees and taxes (other than transfer taxes on resales of the Notes by the respective Underwriters) in connection with the issuance and delivery of the Notes, except that the Company shall be required to pay the fees and disbursements (other than disbursements referred to in paragraph (f) of this Section 4) of counsel to the Underwriters, only in the events provided in paragraph (h) of this Section 4 and paragraphs (a) and (c) of Section 8, the Underwriters hereby agreeing to pay such fees and disbursements in any other event.
  - (h) If the Underwriters shall not take up and pay for the Notes due to the failure of the Company to comply with any of the conditions specified in Section 3 hereof, or, if this Agreement shall be terminated in accordance with the provisions of Section 9 or 10 hereof, to pay the fees and disbursements of counsel to the Underwriters, and, if the Underwriters shall not take up and pay for the Notes due to the failure of the Company to comply with any of the conditions specified in Section 3 hereof, to reimburse the Underwriters for their reasonable out-of-pocket expenses, in an aggregate amount not exceeding a total of \$10,000, incurred in connection with the financing contemplated by this Agreement.
  - (i) During the period from the date hereof and continuing to and including the earlier of (i) the date which is after the Time of Purchase on which the distribution of the Notes ceases, as determined by the Underwriters in their sole discretion, and (ii) the date which is 30 days after the Time of Purchase, the Company agrees not to offer, sell, contract to sell or otherwise dispose of any Notes of the Company or any substantially similar securities of the Company without the consent of the Underwriters
5. Warranties of the Company: The Company represents and warrants to, and agrees with you, as set forth below:
- (a) the Registration Statement on its effective date complied with the applicable provisions of the Act and the Rules of the Commission thereunder and the Registration Statement at its effective date and as of the Applicable Time did not, and at the Time of Purchase will not, contain any untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein not misleading, the Pricing Disclosure Package as of the Applicable Time did not contain an untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary in order to make the statements therein, in light of the circumstances under which they were made, not misleading, and the Basic Prospectus on the date of this Agreement and the Prospectus as of its date complies, and at the Time of Purchase the Prospectus will comply, with the applicable provisions of the Act and the Trust Indenture Act of 1939, as amended (Trust Indenture Act), and the rules and regulations of the Commission, the Basic

Prospectus and the Prospectus as of their respective dates do not, and the Prospectus at the Time of Purchase will not, contain any untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading, except that the Company makes no warranty or representation to the Underwriters with respect to any statements or omissions made in the Registration Statement, the Basic Prospectus, the Pricing Prospectus, any Permitted Free Writing Prospectus or the Prospectus in reliance upon and in conformity with information furnished in writing to the Company by any Underwriter expressly for use in the Registration Statement, the Basic Prospectus, the Pricing Prospectus, any Permitted Free Writing Prospectus or the Prospectus, or to any statements in or omissions from that part of the Registration Statement that shall constitute the Statement of Eligibility under the Trust Indenture Act of the Trustee under the Indenture.

- (b) As of the Time of Purchase, the Indenture will have been duly authorized by the Company and duly qualified under the Trust Indenture Act and, when executed and delivered by the Trustee and the Company, will constitute a legal, valid and binding instrument enforceable against the Company in accordance with its terms and the Notes will have been duly authorized, executed, authenticated and, when paid for by the purchasers thereof, will constitute legal, valid and binding obligations of the Company entitled to the benefits of the Indenture, except as the enforceability thereof may be limited by bankruptcy, insolvency, or other similar laws affecting the enforcement of creditors' rights in general, and except as the availability of the remedy of specific performance is subject to general principles of equity (regardless of whether such remedy is sought in a proceeding in equity or at law), and by an implied covenant of good faith and fair dealing.
- (c) The documents incorporated by reference in the Registration Statement or Pricing Prospectus, when they were filed with the Commission, complied in all material respects with the applicable provisions of the Securities Exchange Act of 1934, as amended (the 1934 Act) and the rules and regulations of the Commission thereunder, and as of such time of filing, when read together with the Pricing Prospectus, the Permitted Free Writing Prospectus and the Prospectus, none of such documents contained an untrue statement of a material fact or omitted to state a material fact required to be stated therein or necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading. The information contained in a Permitted Free Writing Prospectus listed in Exhibit 2 does not conflict with the information contained in the Registration Statement, the Pricing Prospectus or the Prospectus and no such Permitted Free Writing Prospectus, taken together with the remainder of the Pricing Disclosure Package as of the Applicable Time, did contain an untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in light of the circumstances under which they were made, not misleading.
- (d) Since the respective dates as of which information is given in the Registration Statement and the Pricing Prospectus, except as otherwise referred to or contemplated therein, there has been no material adverse change in the business, properties or financial condition of the Company.
- (e) This Agreement has been duly authorized, executed and delivered by the Company.
- (f) The consummation by the Company of the transactions contemplated herein is not in

violation of its charter or bylaws, will not result in the violation of any applicable law, statute, rule, regulation, judgment, order, writ or decree of any government, government instrumentality or court having jurisdiction over the Company or its properties, and will not conflict with, or result in a breach of any of the terms or provisions of, or constitute a default under, or result in the creation or imposition of any lien, charge or encumbrance upon any property or assets of the Company under any contract, indenture, mortgage, loan agreement, note, lease or other agreement or instrument to which the Company is a party or by which it may be bound or to which any of its properties may be subject (except for conflicts, breaches or defaults which would not, individually or in the aggregate, be materially adverse to the Company or materially adverse to the transactions contemplated by this Agreement).

- (g) No authorization, approval, consent or order of any court or governmental authority or agency is necessary in connection with the issuance and sale by the Company of the Notes or the consummation of the transactions by the Company contemplated in this Agreement, except (A) such as may be required under the Act or the Rules; (B) the qualification of the Indenture under the Trust Indenture Act; (C) the approval of the IURC; and (D) such consents, approvals, authorizations, registrations or qualifications as may be required under state securities or “Blue Sky” laws.
- (h) The consolidated financial statements of the Company together with the notes thereto, included or incorporated by reference in the Pricing Prospectus and the Prospectus present fairly the financial position of the Company at the dates or for the periods indicated; said consolidated financial statements have been prepared in accordance with United States generally accepted accounting principles applied, apart from reclassifications disclosed therein, on a consistent basis throughout the periods involved; and the selected consolidated financial information of the Company included in the Pricing Prospectus and the Prospectus presents fairly the information shown therein and has been compiled, apart from reclassifications disclosed therein, on a basis consistent with that of the audited financial statements of the Company included or incorporated by reference in the Pricing Prospectus and the Prospectus.
- (i) There is no pending action, suit, investigation, litigation or proceeding, including, without limitation, any environmental action, affecting the Company before any court, governmental agency or arbitration that is reasonably likely to have a material adverse effect on the business, properties, financial condition or results of operations of the Company, except as disclosed in the Pricing Prospectus.
- (j) At the determination date for purposes of the Notes within the meaning of Rule 164(h) under the Act, the Company was not an “ineligible issuer” as defined in Rule 405 under the Act.
- (k) The Company has not made any filings pursuant to the 1934 Act, or the rules and regulations thereunder, within 24 hours preceding the Applicable Time.
- (l) Neither the Company nor, to the knowledge of the Company, any director, officer, agent, employee or subsidiary of the Company is currently subject to any U.S. sanctions administered by the Office of Foreign Assets Control of the U.S. Treasury Department (“OFAC”); and the Company will not directly or indirectly use the proceeds of the offering, or lend, contribute or otherwise make available such proceeds to any subsidiary, joint

venture partner or other person or entity, for the purpose of financing the activities of any person currently subject to any U.S. sanctions administered by OFAC.

The Company's covenants, warranties and representations contained in this Agreement shall remain in full force and effect regardless of any investigation made by or on behalf of any person, and shall survive the delivery of and payment for the Notes hereunder.

6. Free Writing Prospectuses:

- (a) The Company represents and agrees that, without the prior consent of the Underwriters, it has not made and will not make any offer relating to the Notes that would constitute a "free writing prospectus" as defined in Rule 405 under the Act, other than a Permitted Free Writing Prospectus; each Underwriter, severally and not jointly, represents and agrees that, without the prior consent of the Company and the Underwriters, it has not made and will not make any offer relating to the Notes that would constitute a "free writing prospectus," as defined in Rule 405 under the Act, other than a Permitted Free Writing Prospectus or one or more free writing prospectuses that contain only preliminary or final terms of the Notes (which may include prices of bonds from comparable issuers) and is not required to be filed by the Company pursuant to Rule 433 of the Act or one or more free writing prospectuses that contains information substantially the same as the information contained in the free writing prospectus, dated the date hereof, filed pursuant to Rule 433(d) of the Act relating to the Notes (the Pricing Term Sheet); any such free writing prospectus the use of which has been consented to by the Company and the Underwriters (which shall include the Pricing Term Sheet discussed in Section 6(b)) is listed in Exhibit 2 and herein called a "Permitted Free Writing Prospectus."
- (b) The Company agrees to prepare the Pricing Term Sheet, which shall be previously approved by the Underwriters, and to file the Pricing Term Sheet pursuant to Rule 433(d) under the Act within the time period prescribed by such Rule.
- (c) The Company and each Underwriter have complied and will comply with the requirements of Rule 433 under the Act applicable to any other Permitted Free Writing Prospectus, including timely Commission filing where required and legending.
- (d) The Company and each Underwriter agree that if at any time following issuance of a Permitted Free Writing Prospectus any event occurred or occurs as a result of which such Permitted Free Writing Prospectus would conflict in any material respect with the information in the Registration Statement, the Pricing Prospectus or the Prospectus or include an untrue statement of a material fact or omit to state any material fact necessary in order to make the statements therein, in light of the circumstances then prevailing, not misleading, then (i) the party that first becomes aware of the foregoing will give prompt notice thereof to the Underwriters and/ or the Company, as applicable, and, (ii) if requested by the Underwriters or the Company, as applicable, the Company will prepare and furnish without charge a Permitted Free Writing Prospectus or other document which will correct such conflict, statement or omission.

- (e) Each Underwriter agrees that (i) no information that is conveyed to investors by such Underwriter has been or will be inconsistent with the information contained in the Pricing Disclosure Package, and (ii) if any Underwriter shall use a free writing prospectus that contains information in addition to, or in conflict with, the Pricing Disclosure Package, the liability arising from its use of such additional or conflicting information shall be the sole responsibility of such Underwriter using such free writing prospectus; provided, however, that, for the avoidance of doubt, this clause 6(e) (ii) shall not be interpreted as tantamount to the indemnification obligations contained in Section 8(b) hereof.

7. Warranties of Underwriters: Each Underwriter warrants and represents that the information furnished in writing to the Company for use in the Registration Statement, in the Basic Prospectus, in any Permitted Free Writing Prospectus, in the Pricing Prospectus, in the Prospectus, or in the Prospectus as amended or supplemented is correct as to such Underwriter. The warranties and representations of such Underwriter contained in this Agreement shall remain in full force and effect regardless of any investigation made by or on behalf of the Company or other person, and shall survive the delivery of and payment for the Notes hereunder.

8. Indemnification and Contribution:

- (a) To the extent permitted by law, the Company agrees to indemnify and hold harmless each Underwriter, each Underwriter's employees, agents, officers and directors and each person, if any, who controls an Underwriter within the meaning of Section 15 of the Act, against any and all losses, claims, damages or liabilities, joint or several, to which an Underwriter, they or any of you or them may become subject under the Act or otherwise, and to reimburse the Underwriters, they or any of you or them, for any legal or other expenses incurred by you or them in connection with defending any action, insofar as such losses, claims, damages, liabilities or actions arise out of or are based upon any alleged untrue statement or untrue statement of a material fact contained in the Registration Statement, in the Basic Prospectus (if used prior to the effective date of this Agreement), in the Pricing Prospectus, in any Permitted Free Writing Prospectus, in any "issuer free writing prospectus" (as defined in Rule 433 under the Act) or in the Prospectus, or if the Company shall furnish or cause to be furnished to the Underwriters any amendments or any supplements to the Pricing Prospectus or the Prospectus, in the Pricing Prospectus or the Prospectus as so amended or supplemented except to the extent that such amendments or supplements relate solely to securities other than the Notes (provided that if such Prospectus or such Prospectus, as amended or supplemented, is used after the period of time referred to in Section 4(b) hereof, it shall contain such amendments or supplements as the Company deems necessary to comply with Section 10(a) of the Act), or arise out of or are based upon any alleged omission or omission to state therein a material fact required to be stated therein or necessary to make the statements therein not misleading, except insofar as such losses, claims, damages, liabilities or actions arise out of or are based upon any such alleged untrue statement or omission, or untrue statement or omission which was made in the Registration Statement, in the Basic Prospectus, in the Pricing Prospectus, in any Permitted Free Writing Prospectus, in any "issuer free writing prospectus" (as defined in Rule 433 under the Act) or in the Prospectus, or in the Prospectus as so amended or

supplemented, in reliance upon and in conformity with information furnished in writing to the Company by the Underwriters expressly for use therein or with any statements in or omissions from that part of the Registration Statement that shall constitute the Statement of Eligibility under the Trust Indenture Act of the Trustee under the Indenture. Each Underwriter agrees promptly after its receipt of written notice of the commencement of any action in respect to which indemnity from the Company on account of its agreement contained in this Section 8(a) may be sought by any such Underwriter, or by any person controlling any such Underwriter, to notify the Company in writing of the commencement thereof, but the omission so to notify the Company of any such action shall not release the Company from any liability which it may have to an Underwriter or to such controlling person otherwise than on account of the indemnity agreement contained in this Section 8(a). In case any such action shall be brought against an Underwriter or any such controlling person and an Underwriter shall notify the Company of the commencement thereof, as above provided, the Company shall be entitled to participate in, and, to the extent that it shall wish, including the selection of counsel (such counsel to be reasonably acceptable to the indemnified party), to direct the defense thereof at its own expense. In case the Company elects to direct such defense and select such counsel (hereinafter, Company's counsel), an Underwriter or any controlling person shall have the right to employ its own counsel, but, in any such case, the fees and expenses of such counsel shall be at such Underwriter's or controlling person's expense unless (i) the Company has agreed in writing to pay such fees and expenses or (ii) the named parties to any such action (including any impleaded parties) include both an Underwriter or any controlling person and the Company and such Underwriter or any controlling person shall have been advised by its counsel that a conflict of interest between the Company and such Underwriter or any controlling person may arise (and the Company's counsel shall have concurred in good faith with such advice) and for this reason it is not desirable for the Company's counsel to represent both the indemnifying party and the indemnified party (it being understood, however, that the Company shall not, in connection with any one such action or separate but substantially similar or related actions in the same jurisdiction arising out of the same general allegations or circumstances, be liable for the reasonable fees and expenses of more than one separate firm of attorneys for the Underwriters or any controlling person (plus any local counsel retained by the Underwriters or any controlling person in their reasonable judgment), which firm (or firms) shall be designated in writing by the Underwriters or any controlling person).

- (b) Each Underwriter agrees, to the extent permitted by law, severally and not jointly, to indemnify, hold harmless and reimburse the Company, its directors and such of its officers as shall have signed the Registration Statement, and each person, if any, who controls the Company within the meaning of Section 15 of the Act, to the same extent and upon the same terms as the indemnity agreement of the Company set forth in Section 8(a) hereof, but only with respect to untrue statements or alleged untrue statements or omissions or alleged omissions made in the Registration Statement, or in the Basic Prospectus (if used prior to the effective date of this Agreement), or in the Pricing Prospectus, or in any Permitted Free Writing Prospectus, or in the Prospectus, or in the Prospectus as so amended or supplemented, in reliance upon and in conformity with information furnished in

writing to the Company by such Underwriter expressly for use therein. The Company agrees promptly after the receipt by it of written notice of the commencement of any action in respect to which indemnity from you on account of your agreement contained in this Section 8(b) may be sought by the Company, or by any person controlling the Company, to notify you in writing of the commencement thereof, but the Company's omission so to notify you of any such action shall not release you from any liability which you may have to the Company or to such controlling person otherwise than on account of the indemnity agreement contained in this Section 8(b).

- (c) If recovery is not available or insufficient to hold the indemnified party harmless under Section 8(a) or 8(b) hereof for any reason other than as specified therein, the indemnified party shall be entitled to contribution for any and all losses, claims, damages, liabilities and expenses for which such indemnification is so unavailable or insufficient under this Section 8(c). In determining the amount of contribution to which such indemnified party is entitled, there shall be considered the portion of the proceeds of the offering of the Notes realized by the Company on the one hand and the Underwriters on the other hand, the relative knowledge and access to information concerning the matter with respect to which the claim was asserted, the opportunity to correct and prevent any statement or omission, and any equitable considerations appropriate under the circumstances. The Company and the Underwriters agree that it would not be equitable if the amount of such contribution were determined by pro rata or per capita allocation (even if the Underwriters were treated as one entity for such purpose) without reference to the considerations called for in the previous sentence. No Underwriter or any person controlling such Underwriter shall be obligated to contribute any amount or amounts hereunder which in the aggregate exceeds the total price of the Notes purchased by such Underwriter under this Agreement, less the aggregate amount of any damages which such Underwriter and its controlling persons have otherwise been required to pay in respect of the same claim or any substantially similar claim. No person guilty of fraudulent misrepresentation (within the meaning of Section 11(f) of the Act) shall be entitled to contribution from any person who was not guilty of such fraudulent misrepresentation. An Underwriter's obligation to contribute under this Section 8 is in proportion to its purchase obligation and not joint with any other Underwriter.
- (d) No indemnifying party shall, without the prior written consent of the indemnified parties, settle or compromise or consent to the entry of any judgment with respect to any litigation, or any investigation or proceeding by any governmental agency or body, commenced or threatened, or any claim whatsoever in respect of which indemnification or contribution could be sought under this Section 8 (whether or not the indemnified parties are actual or potential parties thereto), unless such settlement, compromise or consent (i) includes an unconditional release of each indemnified party from all liability arising out of such litigation, investigation, proceeding or claim and (ii) does not include a statement as to or an admission of fault, culpability or a failure to act by or on behalf of such indemnified party.



- (e) In no event shall any indemnifying party have any liability or responsibility in respect of the settlement or compromise of, or consent to the entry of any judgment with respect to, any pending or threatened action or claim effected without its prior written consent.

The agreements contained in this Section 8 hereof shall remain in full force and effect regardless of any investigation made by or on behalf of any person, and shall survive the delivery of and payment for the Notes hereunder.

9. Default of Underwriters: If any Underwriter under this Agreement shall fail or refuse (otherwise than for some reason sufficient to justify, in accordance with the terms hereof, the cancellation or termination of its obligations hereunder) to purchase and pay for the principal amount of Notes which it has agreed to purchase and pay for hereunder, and the aggregate principal amount of Notes which such defaulting Underwriter or Underwriters agreed but failed or refused to purchase is not more than one-tenth of the aggregate principal amount of the Notes, the other Underwriters shall be obligated severally in the proportions which the amounts of Notes set forth opposite their names in Exhibit 1 hereto bear to the aggregate principal amount of Notes set forth opposite the names of all such non-defaulting Underwriters, to purchase the Notes which such defaulting Underwriter or Underwriters agreed but failed or refused to purchase on the terms set forth herein; provided that in no event shall the principal amount of Notes which any Underwriter has agreed to purchase pursuant to Section 1 hereof be increased pursuant to this Section 9 by an amount in excess of one-ninth of such principal amount of Notes without the written consent of such Underwriter. If any Underwriter or Underwriters shall fail or refuse to purchase Notes and the aggregate principal amount of Notes with respect to which such default occurs is more than one-tenth of the aggregate principal amount of the Notes then this Agreement shall terminate without liability on the part of any non-defaulting Underwriter; provided, however, that the non-defaulting Underwriters may agree, in their sole discretion, to purchase the Notes which such defaulting Underwriter or Underwriters agreed but failed or refused to purchase on the terms set forth herein. In the event of any such termination, the Company shall not be under any liability to any Underwriter (except to the extent, if any, provided in Section 4(h) hereof), nor shall any Underwriter (other than an Underwriter who shall have failed or refused to purchase the Notes without some reason sufficient to justify, in accordance with the terms hereof, its termination of its obligations hereunder) be under any liability to the Company or any other Underwriter.

Nothing herein contained shall release any defaulting Underwriter from its liability to the Company or any non-defaulting Underwriter for damages occasioned by its default hereunder.

10. Termination of Agreement by the Underwriters: This Agreement may be terminated at any time prior to the Time of Purchase by the Underwriters if, after the execution and delivery of this Agreement and prior to the Time of Purchase, in the Underwriters' reasonable judgment, the Underwriters' ability to market the Notes shall have been materially adversely affected because:

- (i) trading in securities on the New York Stock Exchange LLC (the NYSE) shall have been generally suspended by the Commission or by the NYSE or trading in the securities of the Company shall have been suspended by the NYSE, or
- (ii) there shall have occurred any outbreak or escalation of hostilities, declaration

by the United States of a national emergency or war or other national or international calamity or crisis, or

- (iii) a general banking moratorium shall have been declared by Federal or New York State authorities, or
- (iv) there shall have been any decrease in the ratings of the Company's debt securities by Moody's Investors Services, Inc. (Moody's) or S&P Global Ratings Inc., a division of S&P Global Inc. (S&P) or either Moody's or S&P shall publicly announce that it has such debt securities under consideration for possible downgrade.

If the Underwriters elect to terminate this Agreement, as provided in this Section 10, the Underwriters will promptly notify the Company by telephone or by telex or facsimile transmission, confirmed in writing. If this Agreement shall not be carried out by any Underwriter for any reason permitted hereunder, or if the sale of the Notes to the Underwriters as herein contemplated shall not be carried out because the Company is not able to comply with the terms hereof, the Company shall not be under any obligation under this Agreement and shall not be liable to any Underwriter or to any member of any selling group for the loss of anticipated profits from the transactions contemplated by this Agreement (except that the Company shall remain liable to the extent provided in Section 4(h) hereof) and the Underwriters shall be.

11. Notices: All notices hereunder shall, unless otherwise expressly provided, be in writing and be delivered at or mailed to the following addresses or by telex or facsimile transmission confirmed in writing to the following addresses: if to the Underwriters, to \_\_\_\_\_, as \_\_\_\_\_ Representative, \_\_\_\_\_, and, if to the Company, to AEP Transmission Company, LLC c/o American Electric Power Service Corporation, 1 Riverside Plaza, Columbus, Ohio 43215, Attention: General Counsel (fax 614/716-1687).

12. Parties in Interest: The agreement herein set forth has been and is made solely for the benefit of the Underwriters, the Company (including the directors thereof and such of the officers thereof as shall have signed the Registration Statement), the controlling persons, if any, referred to in Section 8 hereof, and their respective successors, assigns, executors and administrators, and, except as expressly otherwise provided in Section 9 hereof, no other person shall acquire or have any right under or by the virtue of this Agreement. The Company acknowledges and agrees that in connection with all aspects of each transaction contemplated by this Agreement, the Company and the Underwriters have an arm's length business relationship that creates no fiduciary duty on the part of any party and each expressly disclaims any fiduciary relationship.

13. Definition of Certain Terms: If there be two or more persons, firms or corporations named in Exhibit 1 hereto, the term "Underwriters", as used herein, shall be deemed to mean the several persons, firms or corporations, so named (including the Representative herein mentioned, if so named) and any party or parties substituted pursuant to Section 9 hereof, and the term "Representative", as used herein, shall be deemed to mean the representative or representatives designated by, or in the manner authorized by, the Underwriters. All obligations of the Underwriters hereunder are several and not joint. If there shall be only one person, firm or corporation named in Exhibit 1 hereto, the term "Underwriters" and the term "Representative", as used herein, shall mean

such person, firm or corporation. The term “successors” as used in this Agreement shall not include any purchaser, as such purchaser, of any of the Notes from any of the respective Underwriters.

14. Conditions of the Company’s Obligations: The obligations of the Company hereunder are subject to the Underwriters’ performance of their obligations hereunder, and the further condition that at the Time of Purchase the Commission shall have issued appropriate orders, and such orders shall remain in full force and effect, authorizing the transactions contemplated hereby.

15. Applicable Law: This Agreement will be governed and construed in accordance with the laws of the State of New York.

16. Patriot Act: In accordance with the requirements of the USA Patriot Act (Title DI of Pub. L.107 - 56 (signed into law October 26, 2001)), the Underwriters are required to obtain, verify and record information and identifies their respective clients, including the Company, which information may include the name and address of their respective clients, as well as other information that will allow the Underwriters to properly identify their respective clients.

17. Execution of Counterparts: This Agreement may be executed in several counterparts, each of which shall be regarded as an original and all of which shall constitute one and the same document.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their respective officers thereunto duly authorized, on the date first above written.

AEP TRANSMISSION COMPANY, LLC

By: \_\_\_\_\_

Name:

Title: Treasurer

\_\_\_\_\_  
as Representative  
and on behalf of the Underwriters  
named in Exhibit 1 hereto

\_\_\_\_\_

By: \_\_\_\_\_  
Name:  
Title:

**EXHIBIT 1**

Underwriters:

Name

Principal Amount of the Notes

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## **EXHIBIT 2**

### **PRICING DISCLOSURE PACKAGE**

- 1) Prospectus dated \_\_\_\_\_, \_\_\_\_\_
- 2) Preliminary Prospectus Supplement dated \_\_\_\_\_, \_\_\_\_\_ (including Incorporated Documents)
- 3) Permitted Free Writing Prospectus
  - a) Pricing Term Sheet

August 4, 2021

Company Order and Officers' Certificate  
2.75% Senior Notes, Series N, due 2051

The Bank of New York Mellon Trust Company, N.A., as Trustee  
2 North LaSalle Street  
Chicago, Illinois 60602

Ladies and Gentlemen:

Pursuant to Article Two of the Indenture, dated as of November 1, 2016 (as it may be amended or supplemented, the "Indenture"), from AEP Transmission Company, LLC (the "Company") to The Bank of New York Mellon Trust Company, N.A., as trustee (the "Trustee"), and the Board Resolutions dated March 23, 2018, a copy of which certified by the Secretary or an Assistant Secretary of the Company is being delivered herewith under Section 2.01 of the Indenture, and unless otherwise provided in a subsequent Company Order pursuant to Section 2.04 of the Indenture,

1. The Company's 2.75% Senior Notes, Series N, due 2051 (the "Notes") are hereby established. The Notes shall be in substantially the form attached hereto as Exhibit 1.

2. The terms and characteristics of the Notes shall be as follows (the numbered clauses set forth below corresponding to the numbered subsections of Section 2.01 of the Indenture, with terms used and not defined herein having the meanings specified in the Indenture):

(i) The aggregate principal amount of Notes which may be authenticated and delivered under the Indenture shall be limited to \$450,000,000, except as contemplated in Section 2.01(i) of the Indenture and except that such principal amount may be increased from time to time; all the Notes need not be issued at the same time and the series may be reopened at any time, without the consent of any securityholder, for issuance of additional Notes, which Notes will have the same interest rate, maturity and other terms as those initially issued (other than the date of issuance, the issue price and, in some circumstances, the initial interest accrual date and the initial interest payment date);

(ii) The date on which the principal of the Notes shall be payable shall be August 15, 2051;

(iii) Interest shall accrue from the date of authentication of the Notes; the Interest Payment Dates on which such interest will be payable shall be February 15 and August 15, and the Regular Record Date for the determination of holders to whom interest is payable

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on any such Interest Payment Date shall be the February 1 or August 1, respectively; provided that the first Interest Payment Date shall be February 15, 2022 and interest payable on the Stated Maturity Date or any Redemption Date shall be paid to the Person to whom principal shall be paid;

(iv) The interest rate at which the Notes shall bear interest shall be 2.75% per annum;

(v) The Notes may be redeemed by the Company at its option, in whole at any time or in part from time to time, upon not less than thirty but not more than sixty days' prior notice (either by mail or in compliance with the applicable procedures of DTC). At any time prior to February 15, 2051 (six months prior to the maturity date (the "Par Call Date")), the Company may redeem the Notes either as a whole or in part at a redemption price equal to the greater of (1) 100% of the principal amount of the Notes being redeemed and (2) the sum of the present values of the remaining scheduled payments of principal and interest on the Notes being redeemed that would be due if such Notes matured on the Par Call Date (excluding the portion of any such interest accrued to but excluding the date of redemption), discounted (for purposes of determining present value) to the redemption date on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate (as defined below) plus 15 basis points, plus, in each case, accrued and unpaid interest thereon to but excluding the date of redemption.

At any time on or after the Par Call Date the Company may redeem the Notes in whole or in part at 100% of the principal amount of the Notes being redeemed, plus accrued and unpaid interest thereon to but excluding the date of redemption.

"Comparable Treasury Issue" means the United States Treasury security selected by an Independent Investment Banker as having a maturity comparable to the remaining term ("remaining life") of the Notes (assuming, for this purpose, that the Notes being redeemed matured on the Par Call Date) that would be utilized, at the time of selection and in accordance with customary financial practice, in pricing new issues of corporate debt securities of comparable maturity to the remaining life of the Notes.

"Comparable Treasury Price" means, with respect to any redemption date, (1) the average of the Reference Treasury Dealer Quotations for such redemption date, after excluding the highest and lowest of such Reference Treasury Dealer Quotations, or (2) if the Company obtains fewer than four of such Reference Treasury Dealer Quotations, the average of all such quotations.

"Independent Investment Banker" means one of the Reference Treasury Dealers appointed by the Company and notified by the Company to the Trustee.

“Reference Treasury Dealer” means a primary U.S. Government securities dealer or dealers selected by the Company and notified by the Company to the Trustee.

“Reference Treasury Dealer Quotations” means, with respect to each Reference Treasury Dealer and any redemption date, the average, as determined by the Company and notified to the Trustee, of the bid and asked prices for the Comparable Treasury Issue (expressed in each case as a percentage of its principal amount) quoted in writing to the Company and the Trustee by such Reference Treasury Dealer at or before 3:30 p.m., New York City time, on the third Business Day preceding such redemption date.

“Treasury Rate” means, with respect to any redemption, the rate per annum equal to the semi-annual equivalent yield to maturity of the Comparable Treasury Issue, calculated by the Independent Investment Banker using a price for the Comparable Treasury Issue (expressed as a percentage of its principal amount) equal to the Comparable Treasury Price for such redemption date.

- (vi) (a) the Notes shall be issued in the form of a Global Note; (b) the Depository for such Global Note shall be The Depository Trust Company; and (c) the procedures with respect to transfer and exchange of Global Notes shall be as set forth in the form of Note attached hereto;
- (vii) the title of the Notes shall be “2.75% Senior Notes, Series N, due 2051”;
- (viii) the form of the Notes shall be as set forth in Paragraph 1, above;
- (ix) not applicable;
- (x) the Notes may be subject to a Periodic Offering;
- (xi) not applicable;
- (xii) not applicable;
- (xiii) not applicable;
- (xiv) the Notes shall be issuable in denominations of \$2,000 and any integral multiple of \$1,000 in excess thereof;
- (xv) not applicable;

- (xvi) the Notes shall not be issued as Discount Securities;
- (xvii) not applicable;
- (xviii) not applicable; and
- (xix) Covenants:

Consolidated Priority Debt:

The Company covenants that so long as any of the Notes are outstanding that it will not permit Consolidated Priority Debt to exceed 10% of Consolidated Tangible Net Assets for a period in excess of five consecutive Business Days.

Limitations on Liens:

The Company covenants that for so long as any of the Notes are outstanding that it will not create or suffer to exist or permit any of its subsidiaries to create or suffer to exist any Secured Debt, unless, at the same time, the Notes that are outstanding are also secured by such Lien on an equal and ratable basis; provided, however, the foregoing does not limit:

- (1) Permitted Liens; and
- (2) Any other Lien not covered in clause (a) as long as immediately after the creation of such Lien the aggregate principal amount of Secured Debt does not exceed 10% of Consolidated Tangible Net Assets.

Covenants Definitions:

“Consolidated Priority Debt” means all Priority Debt of the Company and its subsidiaries determined on a consolidated basis eliminating inter-company items.

“Consolidated Tangible Net Assets” means the total of all assets (including revaluations thereof as a result of commercial appraisals, price level restatement or otherwise) appearing on the most recent quarterly or annual, as applicable, consolidated balance sheet of the Company and its consolidated subsidiaries, net of applicable reserves and deductions, but excluding goodwill, trade names, trademarks, patents, unamortized debt discount and all other like intangible assets (which term shall not be construed to include such revaluations), less the aggregate of the consolidated current liabilities of the Company and its consolidated subsidiaries appearing on such balance sheet.

“Debt” means any indebtedness for borrowed money.

“Lien or Liens” means any mortgage, pledge, security interest, or other lien on any utility properties or tangible assets, including, without limitation, the capital stock or comparable equity interest of its subsidiaries, owned on the date hereof or hereafter acquired by the Company or its subsidiaries.

“Permitted Liens” means:

- Liens on property existing at the time of acquisition or construction of such property (or created within one year after completion of such acquisition or construction), whether by purchase, merger, construction or otherwise, or to secure the payment of all or any part of the purchase price or construction cost thereof, including the extension of any Liens to repairs, renewals, replacements, substitutions, betterments, additions, extensions and improvements then or thereafter made on the property subject thereto;
- any extensions, renewals or replacements (or successive extensions, renewals or replacements), in whole or in part, of Liens permitted by the foregoing clauses;
- the pledge of any bonds or other securities at any time issued under any of the Secured Debt permitted by the above clauses; and
- the creation or existence of leases (operating or capital) made, or existing on property acquired, in the ordinary course of business.

“Priority Debt” means, without duplication, any Debt of the Company’s subsidiaries; provided that there shall be excluded from any calculation of Priority Debt, (i) the Debt of any subsidiary owing to the Company or a subsidiary of the Company, and (ii) the Debt of any entity which becomes a subsidiary after the issuance of the Notes and any extension, renewal or refunding thereof, provided that such Debt was not incurred in contemplation of such entity becoming a subsidiary.

“Secured Debt” means any Debt of the Company or any of its subsidiaries secured by a Lien (other than a Permitted Lien).

(xx) Certain Tax Information.

In order to comply with applicable tax laws (inclusive of rules, regulations and interpretations promulgated by competent authorities) related to the Indenture, this Company Order and Officers’ Certificate and the Notes in effect from time to time (“Applicable Law”) that a foreign financial institution, issuer, trustee, paying agent or other party is or has agreed to be subject to, the Company agrees (i) to provide to the Trustee and any paying agent sufficient information about the parties and/or transactions (including any modification to the terms of such transactions) so the Trustee and any paying agent can determine whether it has tax related obligations under Applicable Law and (ii) that the Trustee and any paying agent shall be entitled to make any withholding or deduction from payments to the extent necessary to comply with Applicable Law for which neither the Trustee nor any paying agent shall have any liability.

3. You are hereby requested to authenticate \$450,000,000 aggregate principal amount of 2.75% Senior Notes, Series N, due 2051, executed by the Company and delivered to you concurrently with this Company Order and Officers' Certificate, in the manner provided by the Indenture.

4. You are hereby requested to hold the Notes as custodian for DTC in accordance with the Blanket Issuer Letter of Representations dated November 14, 2016, from the Company to DTC.

5. Concurrently with this Company Order and Officers' Certificate, an Opinion of Counsel under Sections 2.04 and 13.06 of the Indenture is being delivered to you.

6. The undersigned Renee V. Hawkins and William E. Johnson, the Assistant Treasurer and Assistant Secretary, respectively, of the Company do hereby certify that:

- (1) The form and terms of the Notes have been established in conformity with the provisions of the Indenture;
- (2) We have read the relevant portions of the Indenture, including without limitation the conditions precedent provided for therein relating to the action proposed to be taken by the Trustee as requested in this Company Order and Officers' Certificate, and the definitions in the Indenture relating thereto;
- (iii) We have read the Board Resolutions of the Company and the Opinion of Counsel referred to above;
- (iv) We have conferred with other officers of the Company, have examined such records of the Company and have made such other investigation as we deemed relevant for purposes of this certificate;
- (v) In our opinion, we have made such examination or investigation as is necessary to enable us to express an informed opinion as to whether or not such conditions have been complied with; and
- (vi) On the basis of the foregoing, we are of the opinion that all conditions precedent provided for in the Indenture relating to the action proposed to be taken by the Trustee (including the authentication and delivery of the Notes) as requested herein have been complied with.

As used herein, in the Indenture and in the Note, the words "execution," "authentication," "signed," "signature," "delivery," and words of like import in or relating to this Officers' Certificate or any document to be signed in connection with this Officers' Certificate shall be deemed to include manual,

facsimile, or electronic signatures, deliveries or the keeping of records in electronic form, each of which shall be of the same legal effect, validity or enforceability as a manually executed signature, physical delivery thereof or the use of a paper-based recordkeeping system, as the case may be, and the parties hereto consent to conduct the transactions contemplated hereunder by manual, facsimile or electronic means. At least one officer shall execute the Notes on behalf of the Issuer and the Trustee shall authenticate the Notes in each instance by manual, electronic or facsimile signature.

Kindly acknowledge receipt of this Company Order and Officers' Certificate, including the documents listed herein, and confirm the arrangements set forth herein by signing and returning the copy of this document attached hereto.

Very truly yours,

AEP TRANSMISSION COMPANY, LLC

By: /s/ Renee V. Hawkins  
Renee V. Hawkins  
Treasurer

And: /s/ William E. Johnson  
William E. Johnson  
Assistant Secretary

Acknowledged by Trustee:

THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A., as Trustee

By: /s/ Manjari Purkayastha  
Authorized Signatory

Unless this certificate is presented by an authorized representative of The Depository Trust Company (55 Water Street, New York, New York) to the issuer or its agent for registration of transfer, exchange or payment, and any certificate to be issued is registered in the name of Cede & Co. or in such other name as is requested by an authorized representative of The Depository Trust Company and any payment is made to Cede & Co., ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL inasmuch as the registered owner hereof, Cede & Co., has an interest herein. Except as otherwise provided in Section 2.11 of the Indenture, this Security may be transferred, in whole but not in part, only to another nominee of the Depository or to a successor Depository or to a nominee of such successor Depository.

No. R-1

AEP TRANSMISSION COMPANY, LLC  
2.75% Senior Notes, Series N, due 2051

CUSIP: 00115A AN9 / US00115AAN90

Original Issue Date: August 4, 2021

Stated Maturity: August 15, 2051

Interest Rate: 2.75%

Principal Amount: \$450,000,000

Redeemable: Yes ☒ No ☐

In Whole: Yes ☒ No ☐

In Part: Yes ☒ No ☐

AEP TRANSMISSION COMPANY, LLC, a limited liability company duly organized and existing under the laws of the State of Delaware (herein referred to as the “Company”, which term includes any successor corporation under the Indenture hereinafter referred to), for value received, hereby promises to pay to CEDE & CO. or registered assigns, the Principal Amount specified above on the Stated Maturity specified above, and to pay interest on said Principal Amount from the Original Issue Date specified above or from the most recent interest payment date (each such date, an “Interest Payment Date”) to which interest has been paid or duly provided for, semi-annually in arrears on February 15 and August 15 in each year, commencing on February 15, 2022, at the Interest Rate per annum specified above, until the Principal Amount shall have been paid or duly provided for. Interest shall be computed on the basis of a 360-day year of twelve 30-day months.

The interest so payable, and punctually paid or duly provided for, on any Interest Payment Date, as provided in the Indenture, as hereinafter defined, shall be paid to the Person in whose name this Note (or one or more Predecessor Securities) shall have been registered at the close of business on the Regular Record Date with respect to such Interest Payment Date, which shall be the February 1 or August 1



(whether or not a Business Day) prior to such Interest Payment Date, provided that interest payable on the Stated Maturity or any redemption date shall be paid to the Person to whom principal is paid. Any such interest not so punctually paid or duly provided for shall forthwith cease to be payable to the Holder on such Regular Record Date and shall be paid as provided in said Indenture.

If any Interest Payment Date, any redemption date or Stated Maturity is not a Business Day, then payment of the amounts due on this Note on such date will be made on the next succeeding Business Day, and no interest shall accrue on such amounts for the period from and after such Interest Payment Date, redemption date or Stated Maturity, as the case may be, with the same force and effect as if made on such date, except that if such Business Day is in the next succeeding calendar year, we will make payment on the immediately preceding Business Day. The principal of (and premium, if any) and the interest on this Note shall be payable at the office or agency of the Company maintained for that purpose in the Borough of Manhattan, The City of New York, New York, in any coin or currency of the United States of America which at the time of payment is legal tender for payment of public and private debts; provided, however, that payment of interest (other than interest payable on the Stated Maturity or any redemption date) may be made at the option of the Company by check mailed to the registered holder at such address as shall appear in the Security Register.

This Note is one of a duly authorized series of Notes of the Company (herein sometimes referred to as the “Notes”), specified in the Indenture, all issued or to be issued in one or more series under and pursuant to an Indenture dated as of November 1, 2016 duly executed and delivered between the Company and The Bank of New York Mellon Trust Company, N.A., a national banking association formed under the laws of the United States, as Trustee (herein referred to as the “Trustee”) (such Indenture, as originally executed and delivered and as thereafter supplemented and amended being hereinafter referred to as the “Indenture”), to which Indenture and all indentures supplemental thereto or Company Orders reference is hereby made for a description of the rights, limitations of rights, obligations, duties and immunities thereunder of the Trustee, the Company and the holders of the Notes. By the terms of the Indenture, the Notes are issuable in series which may vary as to amount, date of maturity, rate of interest and in other respects as in the Indenture provided. This Note is one of the series of Notes designated on the face hereof.

This Note may be redeemed by the Company at its option, in whole at any time or in part from time to time, upon not less than thirty but not more than sixty days’ prior notice (either by mail or in compliance with the applicable procedures of DTC). At any time prior to February 15, 2051 (six months prior to the maturity date (the “Par Call Date”)), the Company may redeem the Notes either as a whole or in part at a redemption price equal to the greater of (1) 100% of the principal amount of the Notes being redeemed and (2) the sum of the present values of the remaining scheduled payments of principal and interest on the Notes being redeemed that would be due if such Notes matured on the Par Call Date (excluding the portion of any such interest accrued to but excluding the date of redemption), discounted (for purposes of determining present value) to the redemption date on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate (as defined below) plus 15 basis points, plus, in each case, accrued and unpaid interest thereon to but excluding the date of redemption.

At any time on or after the Par Call Date the Company may redeem the Notes in whole or in part at 100% of the principal amount of the Notes being redeemed, plus accrued and unpaid interest thereon to but excluding the date of redemption.

“Comparable Treasury Issue” means the United States Treasury security selected by an Independent Investment Banker as having a maturity comparable to the remaining term (“remaining life”) of the Notes (assuming, for this purpose, that the Notes being redeemed matured on the Par Call Date) that would be utilized, at the time of selection and in accordance with customary financial practice, in pricing new issues of corporate debt securities of comparable maturity to the remaining life of the Notes.

“Comparable Treasury Price” means, with respect to any redemption date, (1) the average of the Reference Treasury Dealer Quotations for such redemption date, after excluding the highest and lowest of such Reference Treasury Dealer Quotations, or (2) if the Company obtains fewer than four of such Reference Treasury Dealer Quotations, the average of all such quotations.

“Independent Investment Banker” means one of the Reference Treasury Dealers appointed by the Company and notified by the Company to the Trustee.

“Reference Treasury Dealer” means a primary U.S. Government securities dealer or dealers selected by the Company and notified by the Company to the Trustee.

“Reference Treasury Dealer Quotations” means, with respect to each Reference Treasury Dealer and any redemption date, the average, as determined by the Company and notified to the Trustee, of the bid and asked prices for the Comparable Treasury Issue (expressed in each case as a percentage of its principal amount) quoted in writing to the Company and the Trustee by such Reference Treasury Dealer at or before 3:30 p.m., New York City time, on the third Business Day preceding such redemption date.

“Treasury Rate” means, with respect to any redemption, the rate per annum equal to the semi-annual equivalent yield to maturity of the Comparable Treasury Issue, calculated by the Independent Investment Banker using a price for the Comparable Treasury Issue (expressed as a percentage of its principal amount) equal to the Comparable Treasury Price for such redemption date.

The Company shall not be required to (i) issue, exchange or register the transfer of any Notes during a period beginning at the opening of business 15 days before the day of the mailing of a notice of redemption of less than all the outstanding Notes of the same series and ending at the close of business on the day of such mailing, nor (ii) register the transfer of or exchange of any Notes of any series or portions thereof called for redemption. This Global Note is exchangeable for Notes in definitive registered form only under certain limited circumstances set forth in the Indenture.

In the event of redemption of this Note in part only, a new Note or Notes of this series, of like tenor, for the unredeemed portion hereof will be issued in the name of the Holder hereof upon the surrender of this Note.

In case an Event of Default, as defined in the Indenture, shall have occurred and be continuing, the principal of all of the Notes may be declared, and upon such declaration shall become, due and payable, in the manner, with the effect and subject to the conditions provided in the Indenture.

The Indenture contains provisions for defeasance at any time of the entire indebtedness of this Note upon compliance by the Company with certain conditions set forth therein.

As described in the Company Order and Officers' Certificate, the Company is subject to a covenant regarding making certain tax information available to the Trustee and any paying agent and so long as this Note is outstanding, the Company is subject to the covenants described therein.

The Indenture contains provisions permitting the Company and the Trustee, with the consent of the Holders of not less than a majority in aggregate principal amount of the Notes of each series affected at the time outstanding, as defined in the Indenture, to execute supplemental indentures for the purpose of adding any provisions to or changing in any manner or eliminating any of the provisions of the Indenture or of any supplemental indenture or of modifying in any manner the rights of the Holders of the Notes; provided, however, that no such supplemental indenture shall (i) extend the fixed maturity of any Notes of any series, or reduce the principal amount thereof, or reduce the rate or extend the time of payment of interest thereon, or reduce any premium payable upon the redemption thereof, or reduce the amount of the principal of a Discount Security that would be due and payable upon a declaration of acceleration of the maturity thereof pursuant to the Indenture, without the consent of the holder of each Note then outstanding and affected; (ii) reduce the aforesaid percentage of Notes, the holders of which are required to consent to any such supplemental indenture, or reduce the percentage of Notes, the holders of which are required to waive any default and its consequences, without the consent of the holder of each Note then outstanding and affected thereby; or (iii) modify any provision of Section 6.01(c) of the Indenture (except to increase the percentage of principal amount of securities required to rescind and annul any declaration of amounts due and payable under the Notes), without the consent of the holder of each Note then outstanding and affected thereby. The Indenture also contains provisions permitting the Holders of a majority in aggregate principal amount of the Notes of all series at the time outstanding affected thereby, on behalf of the Holders of the Notes of such series, to waive any past default in the performance of any of the covenants contained in the Indenture, or established pursuant to the Indenture with respect to such series, and its consequences, except a default in the payment of the principal of or premium, if any, or interest on any of the Notes of such series. Any such consent or waiver by the registered Holder of this Note (unless revoked as provided in the Indenture) shall be conclusive and binding upon such Holder and upon all future Holders and owners of this Note and of any Note issued in exchange herefor or in place hereof (whether by registration of transfer or otherwise), irrespective of whether or not any notation of such consent or waiver is made upon this Note.

No reference herein to the Indenture and no provision of this Note or of the Indenture shall alter or impair the obligation of the Company, which is absolute and unconditional, to pay the principal of and premium, if any, and interest on this Note at the time and place and at the rate and in the money herein prescribed.

As provided in the Indenture and subject to certain limitations therein set forth, this Note is transferable by the registered holder hereof on the Security Register of the Company, upon surrender of this Note for registration of transfer at the office or agency of the Company as may be designated by the Company accompanied by a written instrument or instruments of transfer in form satisfactory to the Company or the Trustee duly executed by the registered Holder hereof or his or her attorney duly authorized in writing, and thereupon one or more new Notes of authorized denominations and for the same

aggregate principal amount and series will be issued to the designated transferee or transferees. No service charge will be made for any such transfer, but the Company may require payment of a sum sufficient to cover any tax or other governmental charge payable in relation thereto.

Prior to due presentment for registration of transfer of this Note, the Company, the Trustee, any paying agent and any Security Registrar may deem and treat the registered Holder hereof as the absolute owner hereof (whether or not this Note shall be overdue and notwithstanding any notice of ownership or writing hereon made by anyone other than the Security Registrar) for the purpose of receiving payment of or on account of the principal hereof and premium, if any, and interest due hereon and for all other purposes, and neither the Company nor the Trustee nor any paying agent nor any Security Registrar shall be affected by any notice to the contrary.

No recourse shall be had for the payment of the principal of or the interest on this Note, or for any claim based hereon, or otherwise in respect hereof, or based on or in respect of the Indenture, against any incorporator, stockholder, officer or director, past, present or future, as such, of the Company or of any predecessor or successor corporation, whether by virtue of any constitution, statute or rule of law, or by the enforcement of any assessment or penalty or otherwise, all such liability being, by the acceptance hereof and as part of the consideration for the issuance hereof, expressly waived and released.

The Notes of this series are issuable only in registered form without coupons in denominations of \$2,000 and any integral multiples of \$1,000 in excess thereof. As provided in the Indenture and subject to certain limitations, Notes of this series are exchangeable for a like aggregate principal amount of Notes of this series of a different authorized denomination, as requested by the Holder surrendering the same.

All terms used in this Note which are defined in the Indenture shall have the meanings assigned to them in the Indenture.

This Note shall not be entitled to any benefit under the Indenture hereinafter referred to, be valid or become obligatory for any purpose until the Certificate of Authentication hereon shall have been signed by or on behalf of the Trustee by manual, electronic or facsimile signature.

IN WITNESS WHEREOF, the Company has caused this Instrument to be executed.

AEP TRANSMISSION COMPANY, LLC

By: \_\_\_\_\_  
Renee V. Hawkins  
Assistant Treasurer

Attest:

By: \_\_\_\_\_  
William E. Johnson  
Assistant Secretary

## CERTIFICATE OF AUTHENTICATION

This is one of the Notes of the series of Notes designated in accordance with, and referred to in, the within-mentioned Indenture.

Dated: August 4, 2021

THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A.

By: \_\_\_\_\_  
Authorized Signatory



FOR VALUE RECEIVED, the undersigned hereby sell(s), assign(s) and transfer(s) unto

(PLEASE INSERT SOCIAL SECURITY OR OTHER  
IDENTIFYING NUMBER OF ASSIGNEE)

\_\_\_\_\_

\_\_\_\_\_

(PLEASE PRINT OR TYPE NAME AND ADDRESS, INCLUDING ZIP CODE, OF

ASSIGNEE) the within Note and all rights thereunder, hereby

irrevocably constituting and appointing such person attorney to

transfer such Note on the books of the Issuer, with full

power of substitution in the premises.

Dated: \_\_\_\_\_

NOTICE: The signature to this assignment must correspond with the name as written upon the face of the within Note in every particular, without alteration or enlargement or any change whatever and NOTICE: Signature(s) must be guaranteed by a financial institution that is a member of the Securities Transfer Agents Medallion Program ("STAMP"), the Stock Exchange Medallion Program ("SEMP") or the New York Stock Exchange, Inc. Medallion Signature Program ("MSP").

June 9, 2022

Company Order and Officers' Certificate  
4.50% Senior Notes, Series O, due 2052

The Bank of New York Mellon Trust Company, N.A., as Trustee  
2 North LaSalle Street  
Chicago, Illinois 60602

Ladies and Gentlemen:

Pursuant to Article Two of the Indenture, dated as of November 1, 2016 (as it may be amended or supplemented, the "Indenture"), from AEP Transmission Company, LLC (the "Company") to The Bank of New York Mellon Trust Company, N.A., as trustee (the "Trustee"), and the Board Resolutions dated April 27, 2021, a copy of which certified by the Secretary or an Assistant Secretary of the Company is being delivered herewith under Section 2.01 of the Indenture, and unless otherwise provided in a subsequent Company Order pursuant to Section 2.04 of the Indenture,

1. The Company's 4.50% Senior Notes, Series O, due 2052 (the "Notes") are hereby established. The Notes shall be in substantially the form attached hereto as Exhibit 1.
  2. The terms and characteristics of the Notes shall be as follows (the numbered clauses set forth below corresponding to the numbered subsections of Section 2.01 of the Indenture, with terms used and not defined herein having the meanings specified in the Indenture):
    - (i) The aggregate principal amount of Notes which may be authenticated and delivered under the Indenture shall be limited to \$550,000,000, except as contemplated in Section 2.01(i) of the Indenture and except that such principal amount may be increased from time to time; all the Notes need not be issued at the same time and the series may be reopened at any time, without the consent of any securityholder, for issuance of additional Notes, which Notes will have the same interest rate, maturity and other terms as those initially issued (other than the date of issuance, the issue price and, in some circumstances, the initial interest accrual date and the initial interest payment date);
    - (ii) The date on which the principal of the Notes shall be payable shall be June 15, 2052;
    - (iii) Interest shall accrue from the date of authentication of the Notes; the Interest Payment Dates on which such interest will be payable shall be June 15 and December 15, and the Regular Record Date for the determination of holders to whom interest is payable on any such Interest Payment Date shall be the June 1 or December 1, respectively; provided that the first Interest Payment Date shall be December 15, 2022 and interest payable on the Stated Maturity Date or any Redemption Date shall be paid to the Person to whom principal shall be paid;
    - (iv) The interest rate at which the Notes shall bear interest shall be 4.50% per annum;
-

(v) The Notes may be redeemed by the Company at its option, in whole at any time or in part from time to time, upon not less than ten but not more than sixty days' prior notice (either by mail or in compliance with the applicable procedures of DTC). At any time prior to December 15, 2051 (six months prior to the maturity date (the "Par Call Date")), the Company may redeem the Notes at its option, in whole or in part, at any time and from time to time, at a redemption price (expressed as a percentage of principal amount and rounded to three decimal places) equal to the greater of:

- (a) the sum of the present values of the remaining scheduled payments of principal and interest thereon discounted to the redemption date (assuming the Notes matured on the Par Call Date) on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate plus 25 basis points less (b) interest accrued to the redemption date; and
- 100% of the principal amount of the Notes to be redeemed,

plus, in each case, accrued and unpaid interest thereon to, but excluding, the redemption date.

On or after the Par Call Date, the Company may redeem the Notes at its option, in whole or in part, at any time and from time to time, at a redemption price equal to 100% of the principal amount of the Notes to be redeemed, plus accrued and unpaid interest thereon to, but excluding, the redemption date.

For purposes of these redemption provisions, the following term has the following meaning.

"Treasury Rate" means, with respect to any redemption date, the yield determined by us in accordance with the following two paragraphs.

The Treasury Rate shall be determined by us after 4:15 p.m., New York City time (or after such time as yields on U.S. government securities are posted daily by the Board of Governors of the Federal Reserve System), on the third business day preceding the redemption date based upon the yield or yields for the most recent day that appear after such time on such day in the most recent statistical release published by the Board of Governors of the Federal Reserve System designated as "Selected Interest Rates (Daily)—H.15" (or any successor designation or publication) ("H.15") under the caption "U.S. government securities—Treasury constant maturities—Nominal" (or any successor caption or heading) ("H.15 TCM"). In determining the Treasury Rate, we shall select, as applicable:

- the yield for the Treasury constant maturity on H.15 exactly equal to the period from the redemption date to the Par Call Date (the "Remaining Life"); or
- if there is no such Treasury constant maturity on H.15 exactly equal to the Remaining Life, the two yields—one yield corresponding to the Treasury constant maturity on H.15 immediately shorter than and one yield corresponding to the Treasury constant maturity on H.15 immediately longer than the Remaining Life—and shall interpolate to the Par Call Date on a straight-line basis (using the actual number of

days) using such yields and rounding the result to three decimal places; or

- if there is no such Treasury constant maturity on H.15 shorter than or longer than the Remaining Life, the yield for the single Treasury constant maturity on H.15 closest to the Remaining Life. For purposes of this clause, the applicable Treasury constant maturity or maturities on H.15 shall be deemed to have a maturity date equal to the relevant number of months or years, as applicable, of such Treasury constant maturity from the redemption date.

If on the third business day preceding the redemption date H.15 TCM is no longer published, we shall calculate the Treasury Rate based on the rate per annum equal to the semi-annual equivalent yield to maturity at 11:00 a.m., New York City time, on the second business day preceding such redemption date of the United States Treasury security maturing on, or with a maturity that is closest to the Par Call Date, as applicable. If there is no United States Treasury security maturing on the Par Call Date, but there are two or more United States Treasury securities with a maturity date equally distant from the Par Call Date, one with a maturity date preceding the Par Call Date and one with a maturity date following the Par Call Date, we shall select the United States Treasury security with a maturity date preceding the Par Call Date. If there are two or more United States Treasury securities maturing on the Par Call Date, or two or more United States Treasury securities meeting the criteria of the preceding sentence, we shall select from among these two or more United States Treasury securities the United States Treasury security that is trading closest to par based upon the average of the bid and asked prices for such United States Treasury securities at 11:00 a.m., New York City time. In determining the Treasury Rate in accordance with the terms of this paragraph, the semi-annual yield to maturity of the applicable United States Treasury security shall be based upon the average of the bid and asked prices (expressed as a percentage of principal amount) at 11:00 a.m., New York City time, of such United States Treasury security, and rounded to three decimal places.

The Company's actions and determinations in determining the redemption price shall be conclusive and binding for all purposes, absent manifest error.

The Trustee shall have no obligation or duty whatsoever to determine, or to verify our calculations of, the redemption price.

(vi) (a) the Notes shall be issued in the form of a Global Note; (b) the Depositary for such Global Note shall be The Depositary Trust Company; and (c) the procedures with respect to transfer and exchange of Global Notes shall be as set forth in the form of Note attached hereto;

(vii) the title of the Notes shall be "4.50% Senior Notes, Series O, due 2052";

(viii) the form of the Notes shall be as set forth in Paragraph 1, above;

(ix) not applicable;

(x) the Notes may be subject to a Periodic Offering;

- (xi) not applicable;
- (xii) not applicable;
- (xiii) not applicable;
- (xiv) the Notes shall be issuable in denominations of \$2,000 and any integral multiple of \$1,000 in excess thereof;
- (xv) not applicable;
- (xvi) the Notes shall not be issued as Discount Securities;
- (xvii) not applicable;
- (xviii) not applicable; and
- (xix) Covenants:

Consolidated Priority Debt:

The Company covenants that so long as any of the Notes are outstanding that it will not permit Consolidated Priority Debt to exceed 10% of Consolidated Tangible Net Assets for a period in excess of five consecutive Business Days.

Limitations on Liens:

The Company covenants that for so long as any of the Notes are outstanding that it will not create or suffer to exist or permit any of its subsidiaries to create or suffer to exist any Secured Debt, unless, at the same time, the Notes that are outstanding are also secured by such Lien on an equal and ratable basis; provided, however, the foregoing does not limit:

- (1) Permitted Liens; and
- (2) Any other Lien not covered in clause (a) as long as immediately after the creation of such Lien the aggregate principal amount of Secured Debt does not exceed 10% of Consolidated Tangible Net Assets.

Covenants Definitions:

“Consolidated Priority Debt” means all Priority Debt of the Company and its subsidiaries determined on a consolidated basis eliminating inter-company items.

“Consolidated Tangible Net Assets” means the total of all assets (including revaluations thereof as a result of commercial appraisals, price level restatement or otherwise) appearing on the most recent quarterly or annual, as applicable, consolidated balance sheet of the Company and its consolidated subsidiaries, net of applicable reserves and deductions, but excluding goodwill, trade names, trademarks, patents, unamortized debt discount and all other like intangible assets (which term shall not be construed to include such revaluations), less the aggregate of the consolidated current liabilities of the Company and its consolidated subsidiaries appearing on such balance sheet.

“Debt” means any indebtedness for borrowed money.

“Lien or Liens” means any mortgage, pledge, security interest, or other lien on any utility properties or tangible assets, including, without limitation, the capital stock or comparable equity interest of its subsidiaries, owned on the date hereof or hereafter acquired by the Company or its subsidiaries.

“Permitted Liens” means:

- Liens on property existing at the time of acquisition or construction of such property (or created within one year after completion of such acquisition or construction), whether by purchase, merger, construction or otherwise, or to secure the payment of all or any part of the purchase price or construction cost thereof, including the extension of any Liens to repairs, renewals, replacements, substitutions, betterments, additions, extensions and improvements then or thereafter made on the property subject thereto;
- any extensions, renewals or replacements (or successive extensions, renewals or replacements), in whole or in part, of Liens permitted by the foregoing clauses;
- the pledge of any bonds or other securities at any time issued under any of the Secured Debt permitted by the above clauses; and
- the creation or existence of leases (operating or capital) made, or existing on property acquired, in the ordinary course of business.

“Priority Debt” means, without duplication, any Debt of the Company’s subsidiaries; provided that there shall be excluded from any calculation of Priority Debt, (i) the Debt of any subsidiary owing to the Company or a subsidiary of the Company, and (ii) the Debt of any entity which becomes a subsidiary after the issuance of the Notes and any extension, renewal or refunding thereof, provided that such Debt was not incurred in contemplation of such entity becoming a subsidiary.

“Secured Debt” means any Debt of the Company or any of its subsidiaries secured by a Lien (other than a Permitted Lien).

(xx) Certain Tax Information.

In order to comply with applicable tax laws (inclusive of rules, regulations and interpretations promulgated by competent authorities) related to the Indenture, this Company Order and Officers’ Certificate and the Notes in effect from time to time (“Applicable Law”) that a foreign financial institution, issuer, trustee, paying agent or other party is or has agreed to be subject to, the Company agrees (i) to provide to the Trustee and any paying agent sufficient information about the parties and/or transactions (including any modification to the terms of such transactions) so the Trustee and any paying agent can determine whether it has tax related obligations under Applicable Law and (ii) that the Trustee and any paying agent shall be entitled to make any withholding or deduction from payments to the extent necessary to comply with Applicable Law for which neither the Trustee nor any paying agent shall have any liability.

3. You are hereby requested to authenticate \$550,000,000 aggregate principal amount of 4.50% Senior Notes, Series O, due 2052, executed by the Company and delivered to you concurrently with this Company Order and Officers’ Certificate, in the manner provided by the Indenture.

4. You are hereby requested to hold the Notes as custodian for DTC in accordance with the Blanket Issuer Letter of Representations dated November 14, 2016, from the Company to DTC.
5. Concurrently with this Company Order and Officers' Certificate, an Opinion of Counsel under Sections 2.04 and 13.06 of the Indenture is being delivered to you.
6. The undersigned Julie A. Sherwood and William E. Johnson, the Treasurer and Assistant Secretary, respectively, of the Company do hereby certify that:
- (1) The form and terms of the Notes have been established in conformity with the provisions of the Indenture;
  - (2) We have read the relevant portions of the Indenture, including without limitation the conditions precedent provided for therein relating to the action proposed to be taken by the Trustee as requested in this Company Order and Officers' Certificate, and the definitions in the Indenture relating thereto;
  - (ii) We have read the Board Resolutions of the Company and the Opinion of Counsel referred to above;
  - (iv) We have conferred with other officers of the Company, have examined such records of the Company and have made such other investigation as we deemed relevant for purposes of this certificate;
  - (v) In our opinion, we have made such examination or investigation as is necessary to enable us to express an informed opinion as to whether or not such conditions have been complied with; and
  - (vi) On the basis of the foregoing, we are of the opinion that all conditions precedent provided for in the Indenture relating to the action proposed to be taken by the Trustee (including the authentication and delivery of the Notes) as requested herein have been complied with.

As used herein, in the Indenture and in the Note, the words "execution," "authentication," "signed," "signature," "delivery," and words of like import in or relating to this Officers' Certificate or any document to be signed in connection with this Officers' Certificate shall be deemed to include manual, facsimile, or electronic signatures, deliveries or the keeping of records in electronic form, each of which shall be of the same legal effect, validity or enforceability as a manually executed signature, physical delivery thereof or the use of a paper-based recordkeeping system, as the case may be, and the parties hereto consent to conduct the transactions contemplated hereunder by manual, facsimile or electronic means. At least one officer shall execute the Notes on behalf of the Issuer and the Trustee shall authenticate the Notes in each instance by manual, electronic or facsimile signature.

Kindly acknowledge receipt of this Company Order and Officers' Certificate, including the documents listed herein, and confirm the arrangements set forth herein by signing and returning the copy of this document attached hereto.

Very truly yours,

AEP TRANSMISSION COMPANY, LLC

By: /s/ Julie A. Sherwood  
Julie A. Sherwood  
Treasurer

And: /s/ William E. Johnson  
William E. Johnson  
Assistant Secretary

Acknowledged by Trustee:

THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A., as Trustee

By: /s/ Manjari Dahlia Purkayastha  
Authorized Signatory



Unless this certificate is presented by an authorized representative of The Depository Trust Company (55 Water Street, New York, New York) to the issuer or its agent for registration of transfer, exchange or payment, and any certificate to be issued is registered in the name of Cede & Co. or in such other name as is requested by an authorized representative of The Depository Trust Company and any payment is made to Cede & Co., ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL inasmuch as the registered owner hereof, Cede & Co., has an interest herein. Except as otherwise provided in Section 2.11 of the Indenture, this Security may be transferred, in whole but not in part, only to another nominee of the Depository or to a successor Depository or to a nominee of such successor Depository.

No. R-1

AEP TRANSMISSION COMPANY, LLC  
4.50% Senior Notes, Series O, due 2052

CUSIP/ISIN: 00115AAP4 / US00115AAP49    Original Issue Date: June 9, 2022

Stated Maturity: June 15, 2052                      Interest Rate: 4.50%

Principal Amount: \$500,000,000

Redeemable:	Yes	No
In Whole:	Yes	No
In Part:	Yes	No

AEP TRANSMISSION COMPANY, LLC, a limited liability company duly organized and existing under the laws of the State of Delaware (herein referred to as the “Company”, which term includes any successor corporation under the Indenture hereinafter referred to), for value received, hereby promises to pay to CEDE & CO. or registered assigns, the Principal Amount specified above on the Stated Maturity specified above, and to pay interest on said Principal Amount from the Original Issue Date specified above or from the most recent interest payment date (each such date, an “Interest Payment Date”) to which interest has been paid or duly provided for, semi-annually in arrears on June 15 and December 15 in each year, commencing on December 15, 2022, at the Interest Rate per annum specified above, until the Principal Amount shall have been paid or duly provided for. Interest shall be computed on the basis of a 360-day year of twelve 30-day months.

The interest so payable, and punctually paid or duly provided for, on any Interest Payment Date, as provided in the Indenture, as hereinafter defined, shall be paid to the Person in whose name this Note (or one or more Predecessor Securities) shall have been registered at the close of business on the Regular Record Date with respect to such Interest Payment Date, which shall be the June 1 or December 1 (whether or not a Business Day) prior to such Interest Payment Date, provided that interest payable on the Stated Maturity or any redemption date shall be paid to the Person to whom principal is paid. Any such interest not so punctually paid or duly provided for shall forthwith cease to be payable to the Holder on such Regular Record Date and shall be paid as provided in said Indenture.

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If any Interest Payment Date, any redemption date or Stated Maturity is not a Business Day, then payment of the amounts due on this Note on such date will be made on the next succeeding Business Day, and no interest shall accrue on such amounts for the period from and after such Interest Payment Date, redemption date or Stated Maturity, as the case may be, with the same force and effect as if made on such date, except that if such Business Day is in the next succeeding calendar year, we will make payment on the immediately preceding Business Day. The principal of (and premium, if any) and the interest on this Note shall be payable at the office or agency of the Company maintained for that purpose in the Borough of Manhattan, The City of New York, New York, in any coin or currency of the United States of America which at the time of payment is legal tender for payment of public and private debts; provided, however, that payment of interest (other than interest payable on the Stated Maturity or any redemption date) may be made at the option of the Company by check mailed to the registered holder at such address as shall appear in the Security Register.

This Note is one of a duly authorized series of Notes of the Company (herein sometimes referred to as the “Notes”), specified in the Indenture, all issued or to be issued in one or more series under and pursuant to an Indenture dated as of November 1, 2016 duly executed and delivered between the Company and The Bank of New York Mellon Trust Company, N.A., a national banking association formed under the laws of the United States, as Trustee (herein referred to as the “Trustee”) (such Indenture, as originally executed and delivered and as thereafter supplemented and amended being hereinafter referred to as the “Indenture”), to which Indenture and all indentures supplemental thereto or Company Orders reference is hereby made for a description of the rights, limitations of rights, obligations, duties and immunities thereunder of the Trustee, the Company and the holders of the Notes. By the terms of the Indenture, the Notes are issuable in series which may vary as to amount, date of maturity, rate of interest and in other respects as in the Indenture provided. This Note is one of the series of Notes designated on the face hereof.

This Note may be redeemed by the Company at its option, in whole at any time or in part from time to time, upon not less than ten but not more than sixty days’ prior notice (either by mail or in compliance with the applicable procedures of DTC). At any time prior to December 15, 2051 (six months prior to the maturity date (the “Par Call Date”)), the Company may redeem the Notes at its option, in whole or in part, at any time and from time to time, at a redemption price (expressed as a percentage of principal amount and rounded to three decimal places) equal to the greater of:

- (a) the sum of the present values of the remaining scheduled payments of principal and interest thereon discounted to the redemption date (assuming the Notes matured on the Par Call Date) on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate plus 25 basis points less (b) interest accrued to the redemption date; and
- 100% of the principal amount of the Notes to be redeemed,

plus, in each case, accrued and unpaid interest thereon to, but excluding, the redemption date.

At any time on or after the Par Call Date the Company may redeem the Notes at its option, in whole or in part, at any time and from time to time, at a redemption price equal to 100% of the principal amount of the Notes to be redeemed, plus accrued and unpaid interest thereon to, but excluding, the redemption date.

For purposes of these redemption provisions, the following term has the following meaning.

“Treasury Rate” means, with respect to any redemption date, the yield determined by us in accordance with the following two paragraphs.

The Treasury Rate shall be determined by us after 4:15 p.m., New York City time (or after such time as yields on U.S. government securities are posted daily by the Board of Governors of the Federal Reserve System), on the third business day preceding the redemption date based upon the yield or yields for the most recent day that appear after such time on such day in the most recent statistical release published by the Board of Governors of the Federal Reserve System designated as “Selected Interest Rates (Daily)—H.15” (or any successor designation or publication) (“H.15”) under the caption “U.S. government securities—Treasury constant maturities—Nominal” (or any successor caption or heading) (“H.15 TCM”). In determining the Treasury Rate, we shall select, as applicable:

- the yield for the Treasury constant maturity on H.15 exactly equal to the period from the redemption date to the Par Call Date (the “Remaining Life”); or
- if there is no such Treasury constant maturity on H.15 exactly equal to the Remaining Life, the two yields—one yield corresponding to the Treasury constant maturity on H.15 immediately shorter than and one yield corresponding to the Treasury constant maturity on H.15 immediately longer than the Remaining Life—and shall interpolate to the Par Call Date on a straight-line basis (using the actual number of days) using such yields and rounding the result to three decimal places; or
- if there is no such Treasury constant maturity on H.15 shorter than or longer than the Remaining Life, the yield for the single Treasury constant maturity on H.15 closest to the Remaining Life. For purposes of this clause, the applicable Treasury constant maturity or maturities on H.15 shall be deemed to have a maturity date equal to the relevant number of months or years, as applicable, of such Treasury constant maturity from the redemption date.

If on the third business day preceding the redemption date H.15 TCM is no longer published, we shall calculate the Treasury Rate based on the rate per annum equal to the semi-annual equivalent yield to maturity at 11:00 a.m., New York City time, on the second business day preceding such redemption date of the United States Treasury security maturing on, or with a maturity that is closest to the Par Call Date, as applicable. If there is no United States Treasury security maturing on the Par Call Date, but there are two or more United States Treasury securities with a maturity date equally distant from the Par Call Date, one with a maturity date preceding the Par Call Date and one with a maturity date following the Par Call Date, we shall select the United States Treasury security with a maturity date preceding the Par Call Date. If there are two or more United States Treasury securities maturing on the Par Call Date, or two or more United States Treasury securities meeting the criteria of the preceding sentence, we shall select from among these two or more United States Treasury securities the United States Treasury security that is trading closest to par based upon the average of the bid and asked prices for such United States Treasury securities at 11:00 a.m., New York City time. In determining the Treasury Rate in accordance with the terms of this paragraph, the semi-annual yield to maturity of the applicable United States Treasury security shall be based upon the average of the bid and asked prices (expressed as a percentage of principal amount) at 11:00 a.m., New York City time, of such United States Treasury security, and rounded to three decimal places.

The Company’s actions and determinations in determining the redemption price shall be conclusive and binding for all purposes, absent manifest error.

The Trustee shall have no obligation or duty whatsoever to determine, or to verify our calculations of, the redemption price.

The Company shall not be required to (i) issue, exchange or register the transfer of any Notes during a period beginning at the opening of business 15 days before the day of the mailing of a notice of redemption of less than all the outstanding Notes of the same series and ending at the close of business on the day of such mailing, nor (ii) register the transfer of or exchange of any Notes of any series or portions thereof called for redemption. This Global Note is exchangeable for Notes in definitive registered form only under certain limited circumstances set forth in the Indenture.

In the event of redemption of this Note in part only, a new Note or Notes of this series, of like tenor, for the unredeemed portion hereof will be issued in the name of the Holder hereof upon the surrender of this Note.

In case an Event of Default, as defined in the Indenture, shall have occurred and be continuing, the principal of all of the Notes may be declared, and upon such declaration shall become, due and payable, in the manner, with the effect and subject to the conditions provided in the Indenture.

The Indenture contains provisions for defeasance at any time of the entire indebtedness of this Note upon compliance by the Company with certain conditions set forth therein.

As described in the Company Order and Officers' Certificate, the Company is subject to a covenant regarding making certain tax information available to the Trustee and any paying agent and so long as this Note is outstanding, the Company is subject to the covenants described therein.

The Indenture contains provisions permitting the Company and the Trustee, with the consent of the Holders of not less than a majority in aggregate principal amount of the Notes of each series affected at the time outstanding, as defined in the Indenture, to execute supplemental indentures for the purpose of adding any provisions to or changing in any manner or eliminating any of the provisions of the Indenture or of any supplemental indenture or of modifying in any manner the rights of the Holders of the Notes; provided, however, that no such supplemental indenture shall (i) extend the fixed maturity of any Notes of any series, or reduce the principal amount thereof, or reduce the rate or extend the time of payment of interest thereon, or reduce any premium payable upon the redemption thereof, or reduce the amount of the principal of a Discount Security that would be due and payable upon a declaration of acceleration of the maturity thereof pursuant to the Indenture, without the consent of the holder of each Note then outstanding and affected; (ii) reduce the aforesaid percentage of Notes, the holders of which are required to consent to any such supplemental indenture, or reduce the percentage of Notes, the holders of which are required to waive any default and its consequences, without the consent of the holder of each Note then outstanding and affected thereby; or (iii) modify any provision of Section 6.01(c) of the Indenture (except to increase the percentage of principal amount of securities required to rescind and annul any declaration of amounts due and payable under the Notes), without the consent of the holder of each Note then outstanding and affected thereby. The Indenture also contains provisions permitting the Holders of a majority in aggregate principal amount of the Notes of all series at the time outstanding affected thereby, on behalf of the Holders of the Notes of such series, to waive any past default in the performance of any of the covenants contained in the Indenture, or established pursuant to the Indenture with respect to such series, and its consequences, except a default in the payment of the principal of or premium, if any, or interest on any of the Notes of such series. Any such consent or waiver by the registered Holder of this Note (unless revoked as provided in the Indenture) shall be conclusive and binding upon such Holder and upon all future Holders and owners of this Note and of any Note issued in exchange herefor or in place hereof (whether by registration of transfer or otherwise), irrespective of whether or not any notation of such consent or waiver is made upon this Note.

No reference herein to the Indenture and no provision of this Note or of the Indenture shall alter or impair the obligation of the Company, which is absolute and unconditional, to pay the principal of and premium, if any, and interest on this Note at the time and place and at the rate and in the money herein prescribed.

As provided in the Indenture and subject to certain limitations therein set forth, this Note is transferable by the registered holder hereof on the Security Register of the Company, upon surrender of this Note for registration of transfer at the office or agency of the Company as may be designated by the Company accompanied by a written instrument or instruments of transfer in form satisfactory to the Company or the Trustee duly executed by the registered Holder hereof or his or her attorney duly authorized in writing, and thereupon one or more new Notes of authorized denominations and for the same aggregate principal amount and series will be issued to the designated transferee or transferees. No service charge will be made for any such transfer, but the Company may require payment of a sum sufficient to cover any tax or other governmental charge payable in relation thereto.

Prior to due presentment for registration of transfer of this Note, the Company, the Trustee, any paying agent and any Security Registrar may deem and treat the registered Holder hereof as the absolute owner hereof (whether or not this Note shall be overdue and notwithstanding any notice of ownership or writing hereon made by anyone other than the Security Registrar) for the purpose of receiving payment of or on account of the principal hereof and premium, if any, and interest due hereon and for all other purposes, and neither the Company nor the Trustee nor any paying agent nor any Security Registrar shall be affected by any notice to the contrary.

No recourse shall be had for the payment of the principal of or the interest on this Note, or for any claim based hereon, or otherwise in respect hereof, or based on or in respect of the Indenture, against any incorporator, stockholder, officer or director, past, present or future, as such, of the Company or of any predecessor or successor corporation, whether by virtue of any constitution, statute or rule of law, or by the enforcement of any assessment or penalty or otherwise, all such liability being, by the acceptance hereof and as part of the consideration for the issuance hereof, expressly waived and released.

The Notes of this series are issuable only in registered form without coupons in denominations of \$2,000 and any integral multiples of \$1,000 in excess thereof. As provided in the Indenture and subject to certain limitations, Notes of this series are exchangeable for a like aggregate principal amount of Notes of this series of a different authorized denomination, as requested by the Holder surrendering the same.

All terms used in this Note which are defined in the Indenture shall have the meanings assigned to them in the Indenture.

This Note shall not be entitled to any benefit under the Indenture hereinafter referred to, be valid or become obligatory for any purpose until the Certificate of Authentication hereon shall have been signed by or on behalf of the Trustee by manual, electronic or facsimile signature.

IN WITNESS WHEREOF, the Company has caused this Instrument to be executed.

AEP TRANSMISSION COMPANY, LLC

By: \_\_\_\_\_  
Julie A. Sherwood  
Treasurer

Attest:

By: \_\_\_\_\_  
William E. Johnson  
Assistant Secretary

CERTIFICATE OF AUTHENTICATION

This is one of the Notes of the series of Notes designated in accordance with, and referred to in, the within-mentioned Indenture.

Dated: June 9, 2022

THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A.

By: \_\_\_\_\_  
Authorized Signatory

FOR VALUE RECEIVED, the undersigned hereby sell(s), assign(s) and transfer(s) unto

(PLEASE INSERT SOCIAL SECURITY OR OTHER  
IDENTIFYING NUMBER OF ASSIGNEE)

\_\_\_\_\_

\_\_\_\_\_

(PLEASE PRINT OR TYPE NAME AND ADDRESS, INCLUDING ZIP CODE, OF

ASSIGNEE) the within Note and all rights thereunder, hereby

irrevocably constituting and appointing such person attorney to

transfer such Note on the books of the Issuer, with full

power of substitution in the premises.

Dated: \_\_\_\_\_

NOTICE: The signature to this assignment must correspond with the name as written upon the face of the within Note in every particular, without alteration or enlargement or any change whatever and NOTICE: Signature(s) must be guaranteed by a financial institution that is a member of the Securities Transfer Agents Medallion Program ("STAMP"), the Stock Exchange Medallion Program ("SEMP") or the New York Stock Exchange, Inc. Medallion Signature Program ("MSP").



March 13, 2023

Company Order and Officers' Certificate  
5.40% Senior Notes, Series P, due 2053

The Bank of New York Mellon Trust Company, N.A., as Trustee  
2 North LaSalle Street  
Chicago, Illinois 60602

Ladies and Gentlemen:

Pursuant to Article Two of the Indenture, dated as of November 1, 2016 (as it may be amended or supplemented, the "Indenture"), from AEP Transmission Company, LLC (the "Company") to The Bank of New York Mellon Trust Company, N.A., as trustee (the "Trustee"), and the Board Resolutions dated April 27, 2021, a copy of which certified by the Secretary or an Assistant Secretary of the Company is being delivered herewith under Section 2.01 of the Indenture, and unless otherwise provided in a subsequent Company Order pursuant to Section 2.04 of the Indenture,

1. The Company's 5.40% Senior Notes, Series P, due 2053 (the "Notes") are hereby established. The Notes shall be in substantially the form attached hereto as Exhibit 1.
2. The terms and characteristics of the Notes shall be as follows (the numbered clauses set forth below corresponding to the numbered subsections of Section 2.01 of the Indenture, with terms used and not defined herein having the meanings specified in the Indenture):
  - (i) The aggregate principal amount of Notes which may be authenticated and delivered under the Indenture shall be limited to \$700,000,000, except as contemplated in Section 2.01(i) of the Indenture and except that such principal amount may be increased from time to time; all the Notes need not be issued at the same time and the series may be reopened at any time, without the consent of any securityholder, for issuance of additional Notes, which Notes will have the same interest rate, maturity and other terms as those initially issued (other than the date of issuance, the issue price and, in some circumstances, the initial interest accrual date and the initial interest payment date);
  - (ii) The date on which the principal of the Notes shall be payable shall be March 15, 2053;
  - (iii) Interest shall accrue from the date of authentication of the Notes; the Interest Payment Dates on which such interest will be payable shall be March 15 and September 15, and the Regular Record Date for the determination of holders to whom interest is payable on any such Interest Payment Date shall be the March 1 or September 1, respectively; provided that the first Interest Payment Date shall be September 15, 2023 and interest payable on the Stated Maturity Date or any Redemption Date shall be paid to the Person to whom principal shall be paid;
  - (iv) The interest rate at which the Notes shall bear interest shall be 5.40% per annum;
  - (v) The Notes may be redeemed by the Company at its option, in whole at any time or in part from time to time, upon not less than ten but not more than sixty days' prior notice (either by mail or in compliance with the applicable procedures of DTC). At any time prior to September 15, 2052 (six months prior to the maturity date (the "Par Call

Date”)), the Company may redeem the Notes at its option, in whole or in part, at any time and from time to time, at a redemption price (expressed as a percentage of principal amount and rounded to three decimal places) equal to the greater of:

- (a) the sum of the present values of the remaining scheduled payments of principal and interest thereon discounted to the redemption date (assuming the Notes matured on the Par Call Date) on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate plus 25 basis points less (b) interest accrued to the redemption date; and
- 100% of the principal amount of the Notes to be redeemed,

plus, in each case, accrued and unpaid interest thereon to, but excluding, the redemption date.

On or after the Par Call Date, the Company may redeem the Notes at its option, in whole or in part, at any time and from time to time, at a redemption price equal to 100% of the principal amount of the Notes to be redeemed, plus accrued and unpaid interest thereon to, but excluding, the redemption date.

For purposes of these redemption provisions, the following term has the following meaning.

“Treasury Rate” means, with respect to any redemption date, the yield determined by us in accordance with the following two paragraphs.

The Treasury Rate shall be determined by us after 4:15 p.m., New York City time (or after such time as yields on U.S. government securities are posted daily by the Board of Governors of the Federal Reserve System), on the third business day preceding the redemption date based upon the yield or yields for the most recent day that appear after such time on such day in the most recent statistical release published by the Board of Governors of the Federal Reserve System designated as “Selected Interest Rates (Daily)—H.15” (or any successor designation or publication) (“H.15”) under the caption “U.S. government securities—Treasury constant maturities—Nominal” (or any successor caption or heading) (“H.15 TCM”). In determining the Treasury Rate, we shall select, as applicable:

- the yield for the Treasury constant maturity on H.15 exactly equal to the period from the redemption date to the Par Call Date (the “Remaining Life”); or
- if there is no such Treasury constant maturity on H.15 exactly equal to the Remaining Life, the two yields—one yield corresponding to the Treasury constant maturity on H.15 immediately shorter than and one yield corresponding to the Treasury constant maturity on H.15 immediately longer than the Remaining Life—and shall interpolate to the Par Call Date on a straight-line basis (using the actual number of days) using such yields and rounding the result to three decimal places; or
- if there is no such Treasury constant maturity on H.15 shorter than or longer than the Remaining Life, the yield for the single Treasury constant maturity on H.15 closest to the Remaining Life. For purposes of this clause, the applicable Treasury constant maturity or maturities on H.15 shall be deemed to have a maturity date

equal to the relevant number of months or years, as applicable, of such Treasury constant maturity from the redemption date.

If on the third business day preceding the redemption date H.15 TCM is no longer published, we shall calculate the Treasury Rate based on the rate per annum equal to the semi-annual equivalent yield to maturity at 11:00 a.m., New York City time, on the second business day preceding such redemption date of the United States Treasury security maturing on, or with a maturity that is closest to the Par Call Date, as applicable. If there is no United States Treasury security maturing on the Par Call Date, but there are two or more United States Treasury securities with a maturity date equally distant from the Par Call Date, one with a maturity date preceding the Par Call Date and one with a maturity date following the Par Call Date, we shall select the United States Treasury security with a maturity date preceding the Par Call Date. If there are two or more United States Treasury securities maturing on the Par Call Date, or two or more United States Treasury securities meeting the criteria of the preceding sentence, we shall select from among these two or more United States Treasury securities the United States Treasury security that is trading closest to par based upon the average of the bid and asked prices for such United States Treasury securities at 11:00 a.m., New York City time. In determining the Treasury Rate in accordance with the terms of this paragraph, the semi-annual yield to maturity of the applicable United States Treasury security shall be based upon the average of the bid and asked prices (expressed as a percentage of principal amount) at 11:00 a.m., New York City time, of such United States Treasury security, and rounded to three decimal places.

The Company's actions and determinations in determining the redemption price shall be conclusive and binding for all purposes, absent manifest error.

The Trustee shall have no obligation or duty whatsoever to determine, or to verify our calculations of, the redemption price.

(vi) (a) the Notes shall be issued in the form of a Global Note; (b) the Depositary for such Global Note shall be The Depositary Trust Company; and (c) the procedures with respect to transfer and exchange of Global Notes shall be as set forth in the form of Note attached hereto;

(vii) the title of the Notes shall be "5.40% Senior Notes, Series P, due 2053";

(viii) the form of the Notes shall be as set forth in Paragraph 1, above;

(ix) not applicable;

(x) the Notes may be subject to a Periodic Offering;

(xi) not applicable;

(xii) not applicable;

(xiii) not applicable;

(xiv) the Notes shall be issuable in denominations of \$2,000 and any integral multiple of \$1,000 in excess thereof;

(xv) not applicable;

(xvi) the Notes shall not be issued as Discount Securities;

- (xvii) not applicable;
- (xviii) not applicable; and
- (xix) Covenants:

Consolidated Priority Debt:

The Company covenants that so long as any of the Notes are outstanding that it will not permit Consolidated Priority Debt to exceed 10% of Consolidated Tangible Net Assets for a period in excess of five consecutive Business Days.

Limitations on Liens:

The Company covenants that so long as any of the Notes are outstanding that it will not create or suffer to exist or permit any of its subsidiaries to create or suffer to exist any Secured Debt, unless, at the same time, the Notes that are outstanding are also secured by such Lien on an equal and ratable basis; provided, however, the foregoing does not limit:

- (1) Permitted Liens; and
- (2) Any other Lien not covered in clause (a) as long as immediately after the creation of such Lien the aggregate principal amount of Secured Debt does not exceed 10% of Consolidated Tangible Net Assets.

Covenants Definitions:

“Consolidated Priority Debt” means all Priority Debt of the Company and its subsidiaries determined on a consolidated basis eliminating inter-company items.

“Consolidated Tangible Net Assets” means the total of all assets (including revaluations thereof as a result of commercial appraisals, price level restatement or otherwise) appearing on the most recent quarterly or annual, as applicable, consolidated balance sheet of the Company and its consolidated subsidiaries, net of applicable reserves and deductions, but excluding goodwill, trade names, trademarks, patents, unamortized debt discount and all other like intangible assets (which term shall not be construed to include such revaluations), less the aggregate of the consolidated current liabilities of the Company and its consolidated subsidiaries appearing on such balance sheet.

“Debt” means any indebtedness for borrowed money.

“Lien or Liens” means any mortgage, pledge, security interest, or other lien on any utility properties or tangible assets, including, without limitation, the capital stock or comparable equity interest of its subsidiaries, owned on the date hereof or hereafter acquired by the Company or its subsidiaries.

“Permitted Liens” means:

- Liens on property existing at the time of acquisition or construction of such property (or created within one year after completion of such acquisition or construction), whether by purchase, merger, construction or otherwise, or to secure the payment of all or any part of the purchase price or construction cost

thereof, including the extension of any Liens to repairs, renewals, replacements, substitutions, betterments, additions, extensions and improvements then or thereafter made on the property subject thereto;

- any extensions, renewals or replacements (or successive extensions, renewals or replacements), in whole or in part, of Liens permitted by the foregoing clauses;
- the pledge of any bonds or other securities at any time issued under any of the Secured Debt permitted by the above clauses; and
- the creation or existence of leases (operating or capital) made, or existing on property acquired, in the ordinary course of business.

“Priority Debt” means, without duplication, any Debt of the Company’s subsidiaries; provided that there shall be excluded from any calculation of Priority Debt, (i) the Debt of any subsidiary owing to the Company or a subsidiary of the Company, and (ii) the Debt of any entity which becomes a subsidiary after the issuance of the Notes and any extension, renewal or refunding thereof, provided that such Debt was not incurred in contemplation of such entity becoming a subsidiary.

“Secured Debt” means any Debt of the Company or any of its subsidiaries secured by a Lien (other than a Permitted Lien).

(xx) Certain Tax Information.

In order to comply with applicable tax laws (inclusive of rules, regulations and interpretations promulgated by competent authorities) related to the Indenture, this Company Order and Officers’ Certificate and the Notes in effect from time to time (“Applicable Law”) that a foreign financial institution, issuer, trustee, paying agent or other party is or has agreed to be subject to, the Company agrees (i) to provide to the Trustee and any paying agent sufficient information about the parties and/or transactions (including any modification to the terms of such transactions) so the Trustee and any paying agent can determine whether it has tax related obligations under Applicable Law and (ii) that the Trustee and any paying agent shall be entitled to make any withholding or deduction from payments to the extent necessary to comply with Applicable Law for which neither the Trustee nor any paying agent shall have any liability.

3. You are hereby requested to authenticate \$700,000,000 aggregate principal amount of 5.40% Senior Notes, Series P, due 2053, executed by the Company and delivered to you concurrently with this Company Order and Officers’ Certificate, in the manner provided by the Indenture.
4. You are hereby requested to hold the Notes as custodian for DTC in accordance with the Blanket Issuer Letter of Representations dated November 14, 2016, from the Company to DTC.
5. Concurrently with this Company Order and Officers’ Certificate, an Opinion of Counsel under Sections 2.04 and 13.06 of the Indenture is being delivered to you.
6. The undersigned Renee V. Hawkins and William E. Johnson, the Treasurer and Assistant Secretary, respectively, of the Company do hereby certify that:
  - (1) The form and terms of the Notes have been established in conformity with the provisions of the Indenture;

(2) We have read the relevant portions of the Indenture, including without limitation the conditions precedent provided for therein relating to the action proposed to be taken by the Trustee as requested in this Company Order and Officers' Certificate, and the definitions in the Indenture relating thereto;

(ii) We have read the Board Resolutions of the Company and the Opinion of Counsel referred to above;

(iv) We have conferred with other officers of the Company, have examined such records of the Company and have made such other investigation as we deemed relevant for purposes of this certificate;

(v) In our opinion, we have made such examination or investigation as is necessary to enable us to express an informed opinion as to whether or not such conditions have been complied with; and

(vi) On the basis of the foregoing, we are of the opinion that all conditions precedent provided for in the Indenture relating to the action proposed to be taken by the Trustee (including the authentication and delivery of the Notes) as requested herein have been complied with.

As used herein, in the Indenture and in the Note, the words "execution," "authentication," "signed," "signature," "delivery," and words of like import in or relating to this Officers' Certificate or any document to be signed in connection with this Officers' Certificate shall be deemed to include manual, facsimile, or electronic signatures, deliveries or the keeping of records in electronic form, each of which shall be of the same legal effect, validity or enforceability as a manually executed signature, physical delivery thereof or the use of a paper-based recordkeeping system, as the case may be, and the parties hereto consent to conduct the transactions contemplated hereunder by manual, facsimile or electronic means. At least one officer shall execute the Notes on behalf of the Issuer and the Trustee shall authenticate the Notes in each instance by manual, electronic or facsimile signature.

Kindly acknowledge receipt of this Company Order and Officers' Certificate, including the documents listed herein, and confirm the arrangements set forth herein by signing and returning the copy of this document attached hereto.

Very truly yours,

AEP TRANSMISSION COMPANY, LLC

By: /s/ Renee V. Hawkins  
Renee V. Hawkins  
Assistant Treasurer

And: /s/ William E. Johnson  
William E. Johnson  
Assistant Secretary

Acknowledged by Trustee:

THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A., as Trustee

By: /s/ Ann Dolezal  
Authorized Signatory

Unless this certificate is presented by an authorized representative of The Depository Trust Company (55 Water Street, New York, New York) to the issuer or its agent for registration of transfer, exchange or payment, and any certificate to be issued is registered in the name of Cede & Co. or in such other name as is requested by an authorized representative of The Depository Trust Company and any payment is made to Cede & Co., ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL inasmuch as the registered owner hereof, Cede & Co., has an interest herein. Except as otherwise provided in Section 2.11 of the Indenture, this Security may be transferred, in whole but not in part, only to another nominee of the Depository or to a successor Depository or to a nominee of such successor Depository.

No. R-1

AEP TRANSMISSION COMPANY, LLC  
5.40% Senior Notes, Series P, due 2053

CUSIP/ISIN: 00115A AQ2 / US00115AAQ22    Original Issue Date: March 13, 2023

Stated Maturity: March 15, 2053                      Interest Rate: 5.40%

Principal Amount: \$500,000,000

Redeemable:    Yes            No  
In Whole:    Yes            No  
In Part:        Yes            No

AEP TRANSMISSION COMPANY, LLC, a limited liability company duly organized and existing under the laws of the State of Delaware (herein referred to as the “Company”, which term includes any successor corporation under the Indenture hereinafter referred to), for value received, hereby promises to pay to CEDE & CO. or registered assigns, the Principal Amount specified above on the Stated Maturity specified above, and to pay interest on said Principal Amount from the Original Issue Date specified above or from the most recent interest payment date (each such date, an “Interest Payment Date”) to which interest has been paid or duly provided for, semi-annually in arrears on March 15 and September 15 in each year, commencing on September 15, 2023, at the Interest Rate per annum specified above, until the Principal Amount shall have been paid or duly provided for. Interest shall be computed on the basis of a 360-day year of twelve 30-day months.

The interest so payable, and punctually paid or duly provided for, on any Interest Payment Date, as provided in the Indenture, as hereinafter defined, shall be paid to the Person in whose name this Note (or one or more Predecessor Securities) shall have been registered at the close of business on the Regular Record Date with respect to such Interest Payment Date, which shall be the March 1 or September 1 (whether or not a Business Day) prior to such Interest Payment Date, provided that interest payable on the Stated Maturity or any redemption date shall be paid to the Person to whom principal is paid. Any such interest not so punctually paid or duly provided for shall forthwith cease to be payable to the Holder on such Regular Record Date and shall be paid as provided in said Indenture.

If any Interest Payment Date, any redemption date or Stated Maturity is not a Business Day, then payment of the amounts due on this Note on such date will be made on the next succeeding Business Day, and no interest shall accrue on such amounts for the period from and after such Interest Payment Date, redemption date or Stated Maturity, as the case may be, with

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the same force and effect as if made on such date, except that if such Business Day is in the next succeeding calendar year, we will make payment on the immediately preceding Business Day. The principal of (and premium, if any) and the interest on this Note shall be payable at the office or agency of the Company maintained for that purpose in the Borough of Manhattan, The City of New York, New York, in any coin or currency of the United States of America which at the time of payment is legal tender for payment of public and private debts; provided, however, that payment of interest (other than interest payable on the Stated Maturity or any redemption date) may be made at the option of the Company by check mailed to the registered holder at such address as shall appear in the Security Register.

This Note is one of a duly authorized series of Notes of the Company (herein sometimes referred to as the “Notes”), specified in the Indenture, all issued or to be issued in one or more series under and pursuant to an Indenture dated as of November 1, 2016 duly executed and delivered between the Company and The Bank of New York Mellon Trust Company, N.A., a national banking association formed under the laws of the United States, as Trustee (herein referred to as the “Trustee”) (such Indenture, as originally executed and delivered and as thereafter supplemented and amended being hereinafter referred to as the “Indenture”), to which Indenture and all indentures supplemental thereto or Company Orders reference is hereby made for a description of the rights, limitations of rights, obligations, duties and immunities thereunder of the Trustee, the Company and the holders of the Notes. By the terms of the Indenture, the Notes are issuable in series which may vary as to amount, date of maturity, rate of interest and in other respects as in the Indenture provided. This Note is one of the series of Notes designated on the face hereof.

This Note may be redeemed by the Company at its option, in whole at any time or in part from time to time, upon not less than ten but not more than sixty days’ prior notice (either by mail or in compliance with the applicable procedures of DTC). At any time prior to September 15, 2052 (six months prior to the maturity date (the “Par Call Date”)), the Company may redeem the Notes at its option, in whole or in part, at any time and from time to time, at a redemption price (expressed as a percentage of principal amount and rounded to three decimal places) equal to the greater of:

- (a) the sum of the present values of the remaining scheduled payments of principal and interest thereon discounted to the redemption date (assuming the Notes matured on the Par Call Date) on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate plus 25 basis points less (b) interest accrued to the redemption date; and
- 100% of the principal amount of the Notes to be redeemed,

plus, in each case, accrued and unpaid interest thereon to, but excluding, the redemption date.

At any time on or after the Par Call Date the Company may redeem the Notes at its option, in whole or in part, at any time and from time to time, at a redemption price equal to 100% of the principal amount of the Notes to be redeemed, plus accrued and unpaid interest thereon to, but excluding, the redemption date.

For purposes of these redemption provisions, the following term has the following meaning.

“Treasury Rate” means, with respect to any redemption date, the yield determined by us in accordance with the following two paragraphs.

The Treasury Rate shall be determined by us after 4:15 p.m., New York City time (or after such time as yields on U.S. government securities are posted daily by the Board of Governors of the Federal Reserve System), on the third business day preceding the redemption date based upon the yield or yields for the most recent day that appear after such time on such day in the most recent statistical release published by the Board of Governors of the Federal Reserve System designated as “Selected Interest Rates (Daily)—H.15” (or any successor designation or publication) (“H.15”) under the caption “U.S. government securities—Treasury constant maturities—Nominal” (or any successor caption or heading) (“H.15 TCM”). In determining the Treasury Rate, we shall select, as applicable:

- the yield for the Treasury constant maturity on H.15 exactly equal to the period from the redemption date to the Par Call Date (the “Remaining Life”); or
- if there is no such Treasury constant maturity on H.15 exactly equal to the Remaining Life, the two yields—one yield corresponding to the Treasury constant maturity on H.15 immediately shorter than and one yield corresponding to the Treasury constant maturity on H.15 immediately longer than the Remaining Life—and shall interpolate to the Par Call Date on a straight-line basis (using the actual number of days) using such yields and rounding the result to three decimal places; or
- if there is no such Treasury constant maturity on H.15 shorter than or longer than the Remaining Life, the yield for the single Treasury constant maturity on H.15 closest to the Remaining Life. For purposes of this clause, the applicable Treasury constant maturity or maturities on H.15 shall be deemed to have a maturity date equal to the relevant number of months or years, as applicable, of such Treasury constant maturity from the redemption date.

If on the third business day preceding the redemption date H.15 TCM is no longer published, we shall calculate the Treasury Rate based on the rate per annum equal to the semi-annual equivalent yield to maturity at 11:00 a.m., New York City time, on the second business day preceding such redemption date of the United States Treasury security maturing on, or with a maturity that is closest to the Par Call Date, as applicable. If there is no United States Treasury security maturing on the Par Call Date, but there are two or more United States Treasury securities with a maturity date equally distant from the Par Call Date, one with a maturity date preceding the Par Call Date and one with a maturity date following the Par Call Date, we shall select the United States Treasury security with a maturity date preceding the Par Call Date. If there are two or more United States Treasury securities maturing on the Par Call Date, or two or more United States Treasury securities meeting the criteria of the preceding sentence, we shall select from among these two or more United States Treasury securities the United States Treasury security that is trading closest to par based upon the average of the bid and asked prices for such United States Treasury securities at 11:00 a.m., New York City time. In determining the Treasury Rate in accordance with the terms of this paragraph, the semi-annual yield to maturity of the applicable United States Treasury security shall be based upon the average of the bid and asked prices (expressed as a percentage of principal amount) at 11:00 a.m., New York City time, of such United States Treasury security, and rounded to three decimal places.

The Company’s actions and determinations in determining the redemption price shall be conclusive and binding for all purposes, absent manifest error.

The Trustee shall have no obligation or duty whatsoever to determine, or to verify our calculations of, the redemption price.

The Company shall not be required to (i) issue, exchange or register the transfer of any Notes during a period beginning at the opening of business 15 days before the day of the mailing of a notice of redemption of less than all the outstanding Notes of the same series and ending at the close of business on the day of such mailing, nor (ii) register the transfer of or exchange of any Notes of any series or portions thereof called for redemption. This Global Note is exchangeable for Notes in definitive registered form only under certain limited circumstances set forth in the Indenture.

In the event of redemption of this Note in part only, a new Note or Notes of this series, of like tenor, for the unredeemed portion hereof will be issued in the name of the Holder hereof upon the surrender of this Note.

In case an Event of Default, as defined in the Indenture, shall have occurred and be continuing, the principal of all of the Notes may be declared, and upon such declaration shall become, due and payable, in the manner, with the effect and subject to the conditions provided in the Indenture.

The Indenture contains provisions for defeasance at any time of the entire indebtedness of this Note upon compliance by the Company with certain conditions set forth therein.

As described in the Company Order and Officers' Certificate, the Company is subject to a covenant regarding making certain tax information available to the Trustee and any paying agent and so long as this Note is outstanding, the Company is subject to the covenants described therein.

The Indenture contains provisions permitting the Company and the Trustee, with the consent of the Holders of not less than a majority in aggregate principal amount of the Notes of each series affected at the time outstanding, as defined in the Indenture, to execute supplemental indentures for the purpose of adding any provisions to or changing in any manner or eliminating any of the provisions of the Indenture or of any supplemental indenture or of modifying in any manner the rights of the Holders of the Notes; provided, however, that no such supplemental indenture shall (i) extend the fixed maturity of any Notes of any series, or reduce the principal amount thereof, or reduce the rate or extend the time of payment of interest thereon, or reduce any premium payable upon the redemption thereof, or reduce the amount of the principal of a Discount Security that would be due and payable upon a declaration of acceleration of the maturity thereof pursuant to the Indenture, without the consent of the holder of each Note then outstanding and affected; (ii) reduce the aforesaid percentage of Notes, the holders of which are required to consent to any such supplemental indenture, or reduce the percentage of Notes, the holders of which are required to waive any default and its consequences, without the consent of the holder of each Note then outstanding and affected thereby; or (iii) modify any provision of Section 6.01(c) of the Indenture (except to increase the percentage of principal amount of securities required to rescind and annul any declaration of amounts due and payable under the Notes), without the consent of the holder of each Note then outstanding and affected thereby. The Indenture also contains provisions permitting the Holders of a majority in aggregate principal amount of the Notes of all series at the time outstanding affected thereby, on behalf of the Holders of the Notes of such series, to waive any past default in the performance of any of the covenants contained in the Indenture, or established pursuant to the Indenture with respect to such series, and its consequences, except a default in the payment of the principal of or premium, if any, or interest on any of the Notes of such series. Any such consent or waiver by the registered Holder of this Note (unless revoked as provided in the Indenture) shall be conclusive and binding upon such Holder and upon all future Holders and owners of this Note and of any Note issued in exchange herefor or in place hereof (whether by registration of transfer

or otherwise), irrespective of whether or not any notation of such consent or waiver is made upon this Note.

No reference herein to the Indenture and no provision of this Note or of the Indenture shall alter or impair the obligation of the Company, which is absolute and unconditional, to pay the principal of and premium, if any, and interest on this Note at the time and place and at the rate and in the money herein prescribed.

As provided in the Indenture and subject to certain limitations therein set forth, this Note is transferable by the registered holder hereof on the Security Register of the Company, upon surrender of this Note for registration of transfer at the office or agency of the Company as may be designated by the Company accompanied by a written instrument or instruments of transfer in form satisfactory to the Company or the Trustee duly executed by the registered Holder hereof or his or her attorney duly authorized in writing, and thereupon one or more new Notes of authorized denominations and for the same aggregate principal amount and series will be issued to the designated transferee or transferees. No service charge will be made for any such transfer, but the Company may require payment of a sum sufficient to cover any tax or other governmental charge payable in relation thereto.

Prior to due presentment for registration of transfer of this Note, the Company, the Trustee, any paying agent and any Security Registrar may deem and treat the registered Holder hereof as the absolute owner hereof (whether or not this Note shall be overdue and notwithstanding any notice of ownership or writing hereon made by anyone other than the Security Registrar) for the purpose of receiving payment of or on account of the principal hereof and premium, if any, and interest due hereon and for all other purposes, and neither the Company nor the Trustee nor any paying agent nor any Security Registrar shall be affected by any notice to the contrary.

No recourse shall be had for the payment of the principal of or the interest on this Note, or for any claim based hereon, or otherwise in respect hereof, or based on or in respect of the Indenture, against any incorporator, stockholder, officer or director, past, present or future, as such, of the Company or of any predecessor or successor corporation, whether by virtue of any constitution, statute or rule of law, or by the enforcement of any assessment or penalty or otherwise, all such liability being, by the acceptance hereof and as part of the consideration for the issuance hereof, expressly waived and released.

The Notes of this series are issuable only in registered form without coupons in denominations of \$2,000 and any integral multiples of \$1,000 in excess thereof. As provided in the Indenture and subject to certain limitations, Notes of this series are exchangeable for a like aggregate principal amount of Notes of this series of a different authorized denomination, as requested by the Holder surrendering the same.

All terms used in this Note which are defined in the Indenture shall have the meanings assigned to them in the Indenture.

This Note shall not be entitled to any benefit under the Indenture hereinafter referred to, be valid or become obligatory for any purpose until the Certificate of Authentication hereon shall have been signed by or on behalf of the Trustee by manual, electronic or facsimile signature.

IN WITNESS WHEREOF, the Company has caused this Instrument to be executed.

AEP TRANSMISSION COMPANY, LLC

By: \_\_\_\_\_  
Renee V. Hawkins  
Assistant Treasurer

Attest:

By: \_\_\_\_\_  
William E. Johnson  
Assistant Secretary

CERTIFICATE OF AUTHENTICATION

This is one of the Notes of the series of Notes designated in accordance with, and referred to in, the within-mentioned Indenture.

Dated: March 13, 2023

THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A.

By: \_\_\_\_\_  
Authorized Signatory

FOR VALUE RECEIVED, the undersigned hereby sell(s), assign(s) and transfer(s) unto  
(PLEASE INSERT SOCIAL SECURITY OR OTHER  
IDENTIFYING NUMBER OF ASSIGNEE)

\_\_\_\_\_  
\_\_\_\_\_  
(PLEASE PRINT OR TYPE NAME AND ADDRESS, INCLUDING ZIP CODE, OF  
ASSIGNEE) the within Note and all rights thereunder, hereby  
irrevocably constituting and appointing such person attorney to  
transfer such Note on the books of the Issuer, with full  
power of substitution in the premises.

Dated: \_\_\_\_\_

NOTICE: The signature to this assignment must correspond with the name as written upon the face of the within Note in every particular, without alteration or enlargement or any change whatever and NOTICE: Signature(s) must be guaranteed by a financial institution that is a member of the Securities Transfer Agents Medallion Program ("STAMP"), the Stock Exchange Medallion Program ("SEMP") or the New York Stock Exchange, Inc. Medallion Signature Program ("MSP").

Unless this certificate is presented by an authorized representative of The Depository Trust Company (55 Water Street, New York, New York) to the issuer or its agent for registration of transfer, exchange or payment, and any certificate to be issued is registered in the name of Cede & Co. or in such other name as is requested by an authorized representative of The Depository Trust Company and any payment is made to Cede & Co., ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL inasmuch as the registered owner hereof, Cede & Co., has an interest herein. Except as otherwise provided in Section 2.11 of the Indenture, this Security may be transferred, in whole but not in part, only to another nominee of the Depository or to a successor Depository or to a nominee of such successor Depository.

No. R-2

AEP TRANSMISSION COMPANY, LLC  
5.40% Senior Notes, Series P, due 2053

CUSIP/ISIN: 00115AAQ2 / US00115AAQ22    Original Issue Date: March 13, 2023

Stated Maturity: March 15, 2053                      Interest Rate: 5.40%

Principal Amount: \$200,000,000

Redeemable:    Yes              No  
In Whole:    Yes              No  
In Part:        Yes              No

AEP TRANSMISSION COMPANY, LLC, a limited liability company duly organized and existing under the laws of the State of Delaware (herein referred to as the “Company”, which term includes any successor corporation under the Indenture hereinafter referred to), for value received, hereby promises to pay to CEDE & CO. or registered assigns, the Principal Amount specified above on the Stated Maturity specified above, and to pay interest on said Principal Amount from the Original Issue Date specified above or from the most recent interest payment date (each such date, an “Interest Payment Date”) to which interest has been paid or duly provided for, semi-annually in arrears on March 15 and September 15 in each year, commencing on September 15, 2023, at the Interest Rate per annum specified above, until the Principal Amount shall have been paid or duly provided for. Interest shall be computed on the basis of a 360-day year of twelve 30-day months.

The interest so payable, and punctually paid or duly provided for, on any Interest Payment Date, as provided in the Indenture, as hereinafter defined, shall be paid to the Person in whose name this Note (or one or more Predecessor Securities) shall have been registered at the close of business on the Regular Record Date with respect to such Interest Payment Date, which shall be the March 1 or September 1 (whether or not a Business Day) prior to such Interest Payment Date, provided that interest payable on the Stated Maturity or any redemption date shall be paid to the Person to whom principal is paid. Any such interest not so punctually paid or duly provided for shall forthwith cease to be payable to the Holder on such Regular Record Date and shall be paid as provided in said Indenture.

If any Interest Payment Date, any redemption date or Stated Maturity is not a Business Day, then payment of the amounts due on this Note on such date will be made on the next succeeding Business Day, and no interest shall accrue on such amounts for the period from and after such Interest Payment Date, redemption date or Stated Maturity, as the case may be, with

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the same force and effect as if made on such date, except that if such Business Day is in the next succeeding calendar year, we will make payment on the immediately preceding Business Day. The principal of (and premium, if any) and the interest on this Note shall be payable at the office or agency of the Company maintained for that purpose in the Borough of Manhattan, The City of New York, New York, in any coin or currency of the United States of America which at the time of payment is legal tender for payment of public and private debts; provided, however, that payment of interest (other than interest payable on the Stated Maturity or any redemption date) may be made at the option of the Company by check mailed to the registered holder at such address as shall appear in the Security Register.

This Note is one of a duly authorized series of Notes of the Company (herein sometimes referred to as the “Notes”), specified in the Indenture, all issued or to be issued in one or more series under and pursuant to an Indenture dated as of November 1, 2016 duly executed and delivered between the Company and The Bank of New York Mellon Trust Company, N.A., a national banking association formed under the laws of the United States, as Trustee (herein referred to as the “Trustee”) (such Indenture, as originally executed and delivered and as thereafter supplemented and amended being hereinafter referred to as the “Indenture”), to which Indenture and all indentures supplemental thereto or Company Orders reference is hereby made for a description of the rights, limitations of rights, obligations, duties and immunities thereunder of the Trustee, the Company and the holders of the Notes. By the terms of the Indenture, the Notes are issuable in series which may vary as to amount, date of maturity, rate of interest and in other respects as in the Indenture provided. This Note is one of the series of Notes designated on the face hereof.

This Note may be redeemed by the Company at its option, in whole at any time or in part from time to time, upon not less than ten but not more than sixty days’ prior notice (either by mail or in compliance with the applicable procedures of DTC). At any time prior to September 15, 2052 (six months prior to the maturity date (the “Par Call Date”)), the Company may redeem the Notes at its option, in whole or in part, at any time and from time to time, at a redemption price (expressed as a percentage of principal amount and rounded to three decimal places) equal to the greater of:

- (a) the sum of the present values of the remaining scheduled payments of principal and interest thereon discounted to the redemption date (assuming the Notes matured on the Par Call Date) on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate plus 25 basis points less (b) interest accrued to the redemption date; and
- 100% of the principal amount of the Notes to be redeemed,

plus, in each case, accrued and unpaid interest thereon to, but excluding, the redemption date.

At any time on or after the Par Call Date the Company may redeem the Notes at its option, in whole or in part, at any time and from time to time, at a redemption price equal to 100% of the principal amount of the Notes to be redeemed, plus accrued and unpaid interest thereon to, but excluding, the redemption date.

For purposes of these redemption provisions, the following term has the following meaning.

“Treasury Rate” means, with respect to any redemption date, the yield determined by us in accordance with the following two paragraphs.

The Treasury Rate shall be determined by us after 4:15 p.m., New York City time (or after such time as yields on U.S. government securities are posted daily by the Board of Governors of the Federal Reserve System), on the third business day preceding the redemption date based upon the yield or yields for the most recent day that appear after such time on such day in the most recent statistical release published by the Board of Governors of the Federal Reserve System designated as “Selected Interest Rates (Daily)—H.15” (or any successor designation or publication) (“H.15”) under the caption “U.S. government securities—Treasury constant maturities—Nominal” (or any successor caption or heading) (“H.15 TCM”). In determining the Treasury Rate, we shall select, as applicable:

- the yield for the Treasury constant maturity on H.15 exactly equal to the period from the redemption date to the Par Call Date (the “Remaining Life”); or
- if there is no such Treasury constant maturity on H.15 exactly equal to the Remaining Life, the two yields—one yield corresponding to the Treasury constant maturity on H.15 immediately shorter than and one yield corresponding to the Treasury constant maturity on H.15 immediately longer than the Remaining Life—and shall interpolate to the Par Call Date on a straight-line basis (using the actual number of days) using such yields and rounding the result to three decimal places; or
- if there is no such Treasury constant maturity on H.15 shorter than or longer than the Remaining Life, the yield for the single Treasury constant maturity on H.15 closest to the Remaining Life. For purposes of this clause, the applicable Treasury constant maturity or maturities on H.15 shall be deemed to have a maturity date equal to the relevant number of months or years, as applicable, of such Treasury constant maturity from the redemption date.

If on the third business day preceding the redemption date H.15 TCM is no longer published, we shall calculate the Treasury Rate based on the rate per annum equal to the semi-annual equivalent yield to maturity at 11:00 a.m., New York City time, on the second business day preceding such redemption date of the United States Treasury security maturing on, or with a maturity that is closest to the Par Call Date, as applicable. If there is no United States Treasury security maturing on the Par Call Date, but there are two or more United States Treasury securities with a maturity date equally distant from the Par Call Date, one with a maturity date preceding the Par Call Date and one with a maturity date following the Par Call Date, we shall select the United States Treasury security with a maturity date preceding the Par Call Date. If there are two or more United States Treasury securities maturing on the Par Call Date, or two or more United States Treasury securities meeting the criteria of the preceding sentence, we shall select from among these two or more United States Treasury securities the United States Treasury security that is trading closest to par based upon the average of the bid and asked prices

for such United States Treasury securities at 11:00 a.m., New York City time. In determining the Treasury Rate in accordance with the terms of this paragraph, the semi-annual yield to maturity of the applicable United States Treasury security shall be based upon the average of the bid and asked prices (expressed as a percentage of principal amount) at 11:00 a.m., New York City time, of such United States Treasury security, and rounded to three decimal places.

The Company's actions and determinations in determining the redemption price shall be conclusive and binding for all purposes, absent manifest error.

The Trustee shall have no obligation or duty whatsoever to determine, or to verify our calculations of, the redemption price.

The Company shall not be required to (i) issue, exchange or register the transfer of any Notes during a period beginning at the opening of business 15 days before the day of the mailing of a notice of redemption of less than all the outstanding Notes of the same series and ending at the close of business on the day of such mailing, nor (ii) register the transfer of or exchange of any Notes of any series or portions thereof called for redemption. This Global Note is exchangeable for Notes in definitive registered form only under certain limited circumstances set forth in the Indenture.

In the event of redemption of this Note in part only, a new Note or Notes of this series, of like tenor, for the unredeemed portion hereof will be issued in the name of the Holder hereof upon the surrender of this Note.

In case an Event of Default, as defined in the Indenture, shall have occurred and be continuing, the principal of all of the Notes may be declared, and upon such declaration shall become, due and payable, in the manner, with the effect and subject to the conditions provided in the Indenture.

The Indenture contains provisions for defeasance at any time of the entire indebtedness of this Note upon compliance by the Company with certain conditions set forth therein.

As described in the Company Order and Officers' Certificate, the Company is subject to a covenant regarding making certain tax information available to the Trustee and any paying agent and so long as this Note is outstanding, the Company is subject to the covenants described therein.

The Indenture contains provisions permitting the Company and the Trustee, with the consent of the Holders of not less than a majority in aggregate principal amount of the Notes of each series affected at the time outstanding, as defined in the Indenture, to execute supplemental indentures for the purpose of adding any provisions to or changing in any manner or eliminating

any of the provisions of the Indenture or of any supplemental indenture or of modifying in any manner the rights of the Holders of the Notes; provided, however, that no such supplemental indenture shall (i) extend the fixed maturity of any Notes of any series, or reduce the principal amount thereof, or reduce the rate or extend the time of payment of interest thereon, or reduce any premium payable upon the redemption thereof, or reduce the amount of the principal of a Discount Security that would be due and payable upon a declaration of acceleration of the maturity thereof pursuant to the Indenture, without the consent of the holder of each Note then outstanding and affected; (ii) reduce the aforesaid percentage of Notes, the holders of which are required to consent to any such supplemental indenture, or reduce the percentage of Notes, the holders of which are required to waive any default and its consequences, without the consent of the holder of each Note then outstanding and affected thereby; or (iii) modify any provision of Section 6.01(c) of the Indenture (except to increase the percentage of principal amount of securities required to rescind and annul any declaration of amounts due and payable under the Notes), without the consent of the holder of each Note then outstanding and affected thereby. The Indenture also contains provisions permitting the Holders of a majority in aggregate principal amount of the Notes of all series at the time outstanding affected thereby, on behalf of the Holders of the Notes of such series, to waive any past default in the performance of any of the covenants contained in the Indenture, or established pursuant to the Indenture with respect to such series, and its consequences, except a default in the payment of the principal of or premium, if any, or interest on any of the Notes of such series. Any such consent or waiver by the registered Holder of this Note (unless revoked as provided in the Indenture) shall be conclusive and binding upon such Holder and upon all future Holders and owners of this Note and of any Note issued in exchange herefor or in place hereof (whether by registration of transfer or otherwise), irrespective of whether or not any notation of such consent or waiver is made upon this Note.

No reference herein to the Indenture and no provision of this Note or of the Indenture shall alter or impair the obligation of the Company, which is absolute and unconditional, to pay the principal of and premium, if any, and interest on this Note at the time and place and at the rate and in the money herein prescribed.

As provided in the Indenture and subject to certain limitations therein set forth, this Note is transferable by the registered holder hereof on the Security Register of the Company, upon surrender of this Note for registration of transfer at the office or agency of the Company as may be designated by the Company accompanied by a written instrument or instruments of transfer in form satisfactory to the Company or the Trustee duly executed by the registered Holder hereof or his or her attorney duly authorized in writing, and thereupon one or more new Notes of authorized denominations and for the same aggregate principal amount and series will be issued to the designated transferee or transferees. No service charge will be made for any such

transfer, but the Company may require payment of a sum sufficient to cover any tax or other governmental charge payable in relation thereto.

Prior to due presentment for registration of transfer of this Note, the Company, the Trustee, any paying agent and any Security Registrar may deem and treat the registered Holder hereof as the absolute owner hereof (whether or not this Note shall be overdue and notwithstanding any notice of ownership or writing hereon made by anyone other than the Security Registrar) for the purpose of receiving payment of or on account of the principal hereof and premium, if any, and interest due hereon and for all other purposes, and neither the Company nor the Trustee nor any paying agent nor any Security Registrar shall be affected by any notice to the contrary.

No recourse shall be had for the payment of the principal of or the interest on this Note, or for any claim based hereon, or otherwise in respect hereof, or based on or in respect of the Indenture, against any incorporator, stockholder, officer or director, past, present or future, as such, of the Company or of any predecessor or successor corporation, whether by virtue of any constitution, statute or rule of law, or by the enforcement of any assessment or penalty or otherwise, all such liability being, by the acceptance hereof and as part of the consideration for the issuance hereof, expressly waived and released.

The Notes of this series are issuable only in registered form without coupons in denominations of \$2,000 and any integral multiples of \$1,000 in excess thereof. As provided in the Indenture and subject to certain limitations, Notes of this series are exchangeable for a like aggregate principal amount of Notes of this series of a different authorized denomination, as requested by the Holder surrendering the same.

All terms used in this Note which are defined in the Indenture shall have the meanings assigned to them in the Indenture.

This Note shall not be entitled to any benefit under the Indenture hereinafter referred to, be valid or become obligatory for any purpose until the Certificate of Authentication hereon shall have been signed by or on behalf of the Trustee by manual, electronic or facsimile signature.

IN WITNESS WHEREOF, the Company has caused this Instrument to be executed.

AEP TRANSMISSION COMPANY, LLC

By: \_\_\_\_\_  
Renee V. Hawkins  
Assistant Treasurer

Attest:

By: \_\_\_\_\_  
William E. Johnson  
Assistant Secretary

CERTIFICATE OF AUTHENTICATION

This is one of the Notes of the series of Notes designated in accordance with, and referred to in, the within-mentioned Indenture.

Dated: March 13, 2023

THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A.

By: \_\_\_\_\_  
Authorized Signatory

FOR VALUE RECEIVED, the undersigned hereby sell(s), assign(s) and transfer(s) unto

(PLEASE INSERT SOCIAL SECURITY OR OTHER  
IDENTIFYING NUMBER OF ASSIGNEE)

\_\_\_\_\_

\_\_\_\_\_

(PLEASE PRINT OR TYPE NAME AND ADDRESS, INCLUDING ZIP CODE, OF

ASSIGNEE) the within Note and all rights thereunder, hereby

irrevocably constituting and appointing such person attorney to

transfer such Note on the books of the Issuer, with full

power of substitution in the premises.

Dated: \_\_\_\_\_

NOTICE: The signature to this assignment must correspond with the name as written upon the face of the within Note in every particular, without alteration or enlargement or any change whatever and NOTICE: Signature(s) must be guaranteed by a financial institution that is a member of the Securities Transfer Agents Medallion Program ("STAMP"), the Stock Exchange Medallion Program ("SEMP") or the New York Stock Exchange, Inc. Medallion Signature Program ("MSP").



[Date]

Company Order and Officers' Certificate  
\_\_\_\_\_% Senior Notes, Series \_\_, due 20\_\_

The Bank of New York Mellon Trust Company, N.A., as Trustee  
311 South Wacker Drive  
Suite 6200B, Floor 62  
Chicago, Illinois 60606

Ladies and Gentlemen:

Pursuant to Article Two of the Indenture, dated as of November 1, 2016 (as it may be amended or supplemented, the "Indenture"), from AEP Transmission Company, LLC (the "Company") to The Bank of New York Mellon Trust Company, N.A., as trustee (the "Trustee"), and the Board Resolutions dated \_\_\_\_\_, a copy of which certified by the Secretary or an Assistant Secretary of the Company is being delivered herewith under Section 2.01 of the Indenture, and unless otherwise provided in a subsequent Company Order pursuant to Section 2.04 of the Indenture,

1. The Company's \_\_\_\_\_% Senior Notes, Series \_\_, due 20\_\_ (the "Notes") are hereby established. The Notes shall be in substantially the form attached hereto as Exhibit 1.

2. The terms and characteristics of the Notes shall be as follows (the numbered clauses set forth below corresponding to the numbered subsections of Section 2.01 of the Indenture, with terms used and not defined herein having the meanings specified in the Indenture):

(i) the aggregate principal amount of Notes which may be authenticated and delivered under the Indenture shall be limited to \$\_\_\_\_,000,000, except as contemplated in Section 2.01(i) of the Indenture and except that such principal amount may be increased from time to time; all Series \_\_\_\_ Notes need not be issued at the same time and each such series may be reopened at any time, without the consent of any securityholder, for issuance of additional Notes, which Notes will have the same interest rate, maturity and other terms as those initially issued (other than the date of issuance, the issue price and, in some circumstances, the initial interest accrual date and the initial interest payment date);

(ii) the date on which the principal of the Notes shall be payable shall be \_\_\_\_\_, 20\_\_;

(iii) interest shall accrue from the date of authentication of the Notes; the Interest Payment Dates on which such interest will be payable shall be \_\_\_\_\_ and \_\_\_\_\_, and the Regular Record Date for the determination of holders to whom interest is payable on any such Interest Payment Date shall be the fifteenth day prior to the relevant Interest Payment Date; provided that the first Interest Payment Date shall be \_\_\_\_\_ and interest payable on the Stated Maturity Date or any Redemption Date shall be paid to the Person to whom principal shall be paid;

(iv) the interest rate at which the Notes shall bear interest shall be \_\_\_\_\_% per annum;

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(v) The Notes may be redeemed by the Company at its option, in whole at any time or in part from time to time, upon not less than ten but not more than sixty days' prior notice (either by mail or in compliance with the applicable procedures of DTC). At any time prior to \_\_\_\_\_, 20\_\_\_\_ (\_\_\_\_ months prior to the maturity date (the "Par Call Date")), the Company may redeem the Notes at its option, in whole or in part, at any time and from time to time, at a redemption price (expressed as a percentage of principal amount and rounded to three decimal places) equal to the greater of:

- (a) the sum of the present values of the remaining scheduled payments of principal and interest thereon discounted to the redemption date (assuming the Notes matured on the Par Call Date) on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate plus \_\_\_\_ basis points less (b) interest accrued to the redemption date; and
- 100% of the principal amount of the Notes to be redeemed,

plus, in each case, accrued and unpaid interest thereon to, but excluding, the redemption date.

On or after the Par Call Date, the Company may redeem the Notes at its option, in whole or in part, at any time and from time to time, at a redemption price equal to 100% of the principal amount of the Notes to be redeemed, plus accrued and unpaid interest thereon to, but excluding, the redemption date.

For purposes of these redemption provisions, the following term has the following meaning.

"Treasury Rate" means, with respect to any redemption date, the yield determined by us in accordance with the following two paragraphs.

The Treasury Rate shall be determined by us after 4:15 p.m., New York City time (or after such time as yields on U.S. government securities are posted daily by the Board of Governors of the Federal Reserve System), on the third business day preceding the redemption date based upon the yield or yields for the most recent day that appear after such time on such day in the most recent statistical release published by the Board of Governors of the Federal Reserve System designated as "Selected Interest Rates (Daily)—H.15" (or any successor designation or publication) ("H.15") under the caption "U.S. government securities—Treasury constant maturities—Nominal" (or any successor caption or heading) ("H.15 TCM"). In determining the Treasury Rate, we shall select, as applicable:

- the yield for the Treasury constant maturity on H.15 exactly equal to the period from the redemption date to the Par Call Date (the "Remaining Life"); or
- if there is no such Treasury constant maturity on H.15 exactly equal to the Remaining Life, the two yields—one yield corresponding to the Treasury constant maturity on H.15 immediately shorter than and one yield corresponding to the Treasury constant maturity on H.15 immediately longer than the Remaining Life—and shall interpolate to the Par Call Date on a straight-line basis (using the actual number of days) using such yields and rounding the result to three decimal places; or

- if there is no such Treasury constant maturity on H.15 shorter than or longer than the Remaining Life, the yield for the single Treasury constant maturity on H.15 closest to the Remaining Life. For purposes of this clause, the applicable Treasury constant maturity or maturities on H.15 shall be deemed to have a maturity date equal to the relevant number of months or years, as applicable, of such Treasury constant maturity from the redemption date.

If on the third business day preceding the redemption date H.15 TCM is no longer published, we shall calculate the Treasury Rate based on the rate per annum equal to the semi-annual equivalent yield to maturity at 11:00 a.m., New York City time, on the second business day preceding such redemption date of the United States Treasury security maturing on, or with a maturity that is closest to the Par Call Date, as applicable. If there is no United States Treasury security maturing on the Par Call Date, but there are two or more United States Treasury securities with a maturity date equally distant from the Par Call Date, one with a maturity date preceding the Par Call Date and one with a maturity date following the Par Call Date, we shall select the United States Treasury security with a maturity date preceding the Par Call Date. If there are two or more United States Treasury securities maturing on the Par Call Date, or two or more United States Treasury securities meeting the criteria of the preceding sentence, we shall select from among these two or more United States Treasury securities the United States Treasury security that is trading closest to par based upon the average of the bid and asked prices for such United States Treasury securities at 11:00 a.m., New York City time. In determining the Treasury Rate in accordance with the terms of this paragraph, the semi-annual yield to maturity of the applicable United States Treasury security shall be based upon the average of the bid and asked prices (expressed as a percentage of principal amount) at 11:00 a.m., New York City time, of such United States Treasury security, and rounded to three decimal places.

The Company's actions and determinations in determining the redemption price shall be conclusive and binding for all purposes, absent manifest error.

The Trustee shall have no obligation or duty whatsoever to determine, or to verify our calculations of, the redemption price.

(vi) (a) the Notes shall be issued in the form of a Global Note; (b) the Depositary for such Global Note shall be The Depositary Trust Company; and (c) the procedures with respect to transfer and exchange of Global Notes shall be as set forth in the form of Note attached hereto;

(vii) the title of the Notes shall be “\_\_\_% Senior Notes, Series \_\_, due 20\_\_”;

(viii) the form of the Notes shall be as set forth in Paragraph 1, above;

(ix) not applicable;

(x) the Notes may be subject to a Periodic Offering;

(xi) not applicable;

(xii) not applicable;

(xiii) not applicable;

- (xiv) the Notes shall be issuable in denominations of \$1,000 and any integral multiple thereof;
- (xv) not applicable;
- (xvi) the Notes shall not be issued as Discount Securities;
- (xvii) not applicable;
- (xvii) not applicable; and
- (xix) Covenants:

Consolidated Priority Debt:

The Company covenants that so long as any of the Notes are outstanding that it will not permit Consolidated Priority Debt to exceed 10% of Consolidated Tangible Net Assets for a period in excess of five consecutive business days.

Limitations on Liens:

The Company covenants that for so long as any of the Notes are outstanding that it will not create or suffer to exist or permit any of its subsidiaries to create or suffer to exist any Secured Debt, unless, at the same time, the Notes that are outstanding are also secured by such Lien on an equal and ratable basis; provided, however, the foregoing does not limit:

- (a) Permitted Liens; and
- (b) Any other Lien not covered in clause (a) as long as immediately after the creation of such Lien the aggregate principal amount of Secured Debt does not exceed 10% of Consolidated Tangible Net Assets.

Covenants Definitions:

“Consolidated Priority Debt” means all Priority Debt of the Company and its subsidiaries determined on a consolidated basis eliminating inter-company items.

“Consolidated Tangible Net Assets” means the total of all assets (including revaluations thereof as a result of commercial appraisals, price level restatement or otherwise) appearing on the most recent quarterly or annual, as applicable, consolidated balance sheet of the Company and its consolidated subsidiaries, net of applicable reserves and deductions, but excluding goodwill, trade names, trademarks, patents, unamortized debt discount and all other like intangible assets (which term shall not be construed to include such revaluations), less the aggregate of the consolidated current liabilities of the Company and its consolidated subsidiaries appearing on such balance sheet.

“Debt” means any indebtedness for borrowed money.

“Lien or Liens” means any mortgage, pledge, security interest, or other lien on any utility properties or tangible assets, including, without limitation, the capital stock or comparable equity interest of its subsidiaries, owned on the date hereof or hereafter acquired by the Company or its subsidiaries.

“Permitted Liens” means:

- Liens on property existing at the time of acquisition or construction of such property (or created within one year after completion of such acquisition or construction), whether by purchase, merger, construction or otherwise, or to secure the payment of all or any part of the purchase price or construction cost thereof, including the extension of any Liens to repairs, renewals, replacements, substitutions, betterments, additions, extensions and improvements then or thereafter made on the property subject thereto;
- any extensions, renewals or replacements (or successive extensions, renewals or replacements), in whole or in part, of Liens permitted by the foregoing clauses;
- the pledge of any bonds or other securities at any time issued under any of the Secured Debt permitted by the above clauses; and
- the creation or existence of leases (operating or capital) made, or existing on property acquired, in the ordinary course of business.

“Priority Debt” means, without duplication, any Debt of the Company’s subsidiaries; provided that there shall be excluded from any calculation of Priority Debt, (i) the Debt of any subsidiary owing to the Company or a subsidiary of the Company, and (ii) the Debt of any entity which becomes a subsidiary after the issuance of the Notes and any extension, renewal or refunding thereof, provided that such Debt was not incurred in contemplation of such entity becoming a subsidiary.

“Secured Debt” means any Debt of the Company or any of its subsidiaries secured by a Lien (other than a Permitted Lien).

(xx) Certain Tax Information.

In order to comply with applicable tax laws (inclusive of rules, regulations and interpretations promulgated by competent authorities) related to the Indenture, this Company Order and Officers’ Certificate and the Series \_\_\_\_ Notes in effect from time to time (“Applicable Law”) that a foreign financial institution, issuer, trustee, paying agent or other party is or has agreed to be subject to, the Company agrees (i) to provide to the Trustee sufficient information about the parties and/or transactions (including any modification to the terms of such transactions) so the Trustee can determine whether it has tax related obligations under Applicable Law and (ii) that the Trustee shall be entitled to make any withholding or deduction from payments to the extent necessary to comply with Applicable Law for which the Trustee shall not have any liability.

3. You are hereby requested to authenticate \$\_\_\_\_,000,000 aggregate principal amount of \_\_\_\_% Senior Notes, Series \_\_\_, due 20\_\_\_, executed by the Company and delivered to you concurrently with this Company Order and Officers’ Certificate, in the manner provided by the Indenture.

4. You are hereby requested to hold the Notes as custodian for DTC in accordance with the Blanket Issuer Letter of Representations dated November 10, 2004, from the Company to DTC.

5. Concurrently with this Company Order and Officers’ Certificate, an Opinion of Counsel under Sections 2.04 and 13.06 of the Indenture is being delivered to you.

6. The undersigned \_\_\_\_\_ and \_\_\_\_\_, the Assistant Treasurer and Assistant Secretary, respectively, of the Company do hereby certify that:

- (i) The form and terms of the Notes have been established in conformity with the provisions of the Indenture;
- (ii) we have read the relevant portions of the Indenture, including without limitation the conditions precedent provided for therein relating to the action proposed to be taken by the Trustee as requested in this Company Order and Officers' Certificate, and the definitions in the Indenture relating thereto;
- (iii) we have read the Board Resolutions of the Company and the Opinion of Counsel referred to above;
- (iv) we have conferred with other officers of the Company, have examined such records of the Company and have made such other investigation as we deemed relevant for purposes of this certificate;
- (v) in our opinion, we have made such examination or investigation as is necessary to enable us to express an informed opinion as to whether or not such conditions have been complied with; and
- (vi) on the basis of the foregoing, we are of the opinion that all conditions precedent provided for in the Indenture relating to the action proposed to be taken by the Trustee as requested herein have been complied with.

Kindly acknowledge receipt of this Company Order and Officers' Certificate, including the documents listed herein, and confirm the arrangements set forth herein by signing and returning the copy of this document attached hereto.

Very truly yours,

AEP TRANSMISSION COMPANY, LLC

By: \_\_\_\_\_  
Assistant Treasurer

And: \_\_\_\_\_  
Assistant Secretary

Acknowledged by Trustee:

By: \_\_\_\_\_  
Authorized Signatory

Unless this certificate is presented by an authorized representative of The Depository Trust Company (55 Water Street, New York, New York) to the issuer or its agent for registration of transfer, exchange or payment, and any certificate to be issued is registered in the name of Cede & Co. or in such other name as is requested by an authorized representative of The Depository Trust Company and any payment is made to Cede & Co., ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL inasmuch as the registered owner hereof, Cede & Co., has an interest herein. Except as otherwise provided in Section 2.11 of the Indenture, this Security may be transferred, in whole but not in part, only to another nominee of the Depository or to a successor Depository or to a nominee of such successor Depository.

No. R1

AEP TRANSMISSION COMPANY, LLC

\_\_\_\_\_% Senior Notes, Series \_\_, due 20\_\_

CUSIP: \_\_\_\_\_

Original Issue Date: \_\_\_\_\_

Stated Maturity: \_\_\_\_\_

Interest Rate: \_\_\_\_%

Principal Amount: \$\_\_\_\_,000,000

Redeemable:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
In Whole:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
In Part:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

AEP TRANSMISSION COMPANY, LLC, a limited liability company duly organized and existing under the laws of the State of Delaware (herein referred to as the “Company”, which term includes any successor corporation under the Indenture hereinafter referred to), for value received, hereby promises to pay to CEDE & CO. or registered assigns, the Principal Amount specified above on the Stated Maturity specified above, and to pay interest on said Principal Amount from the Original Issue Date specified above or from the most recent interest payment date (each such date, an “Interest Payment Date”) to which interest has been paid or duly provided for, semi-annually in arrears on \_\_\_\_\_ and \_\_\_\_\_ in each year, commencing on \_\_\_\_\_, at the Interest Rate per annum specified above, until the Principal Amount shall have been paid or duly provided for. Interest shall be computed on the basis of a 360-day year of twelve 30-day months.

The interest so payable, and punctually paid or duly provided for, on any Interest Payment Date, as provided in the Indenture, as hereinafter defined, shall be paid to the Person in whose name this Note (or one or more Predecessor Securities) shall have been registered at the close of business on the Regular Record Date with respect to such Interest Payment Date, which shall be the fifteenth day (whether or not a Business Day) prior to such Interest Payment Date, provided that interest payable on the Stated Maturity or any redemption date shall be paid to the Person to whom principal is paid. Any such interest not so punctually paid or duly provided for shall forthwith cease to be payable to the Holder on such Regular Record Date and shall be paid as provided in said Indenture.



If any Interest Payment Date, any redemption date or Stated Maturity is not a Business Day, then payment of the amounts due on this Note on such date will be made on the next succeeding Business Day, and no interest shall accrue on such amounts for the period from and after such Interest Payment Date, redemption date or Stated Maturity, as the case may be, with the same force and effect as if made on such date. The principal of (and premium, if any) and the interest on this Note shall be payable at the office or agency of the Company maintained for that purpose in the Borough of Manhattan, the City of New York, New York, in any coin or currency of the United States of America which at the time of payment is legal tender for payment of public and private debts; provided, however, that payment of interest (other than interest payable on the Stated Maturity or any redemption date) may be made at the option of the Company by check mailed to the registered holder at such address as shall appear in the Security Register.

This Note is one of a duly authorized series of Notes of the Company (herein sometimes referred to as the “Notes”), specified in the Indenture, all issued or to be issued in one or more series under and pursuant to an Indenture dated as of November 1, 2016 duly executed and delivered between the Company and The Bank of New York Mellon Trust Company, N.A., a corporation organized and existing under the laws of the State of New York, as Trustee (herein referred to as the “Trustee”) (such Indenture, as originally executed and delivered and as thereafter supplemented and amended being hereinafter referred to as the “Indenture”), to which Indenture and all indentures supplemental thereto or Company Orders reference is hereby made for a description of the rights, limitations of rights, obligations, duties and immunities thereunder of the Trustee, the Company and the holders of the Notes. By the terms of the Indenture, the Notes are issuable in series which may vary as to amount, date of maturity, rate of interest and in other respects as in the Indenture provided. This Note is one of the series of Notes designated on the face hereof.

This Note may be redeemed by the Company at its option, in whole at any time or in part from time to time, upon not less than ten but not more than sixty days’ prior notice (either by mail or in compliance with the applicable procedures of DTC). At any time prior to \_\_\_\_\_, 20\_\_ (\_\_\_ months prior to the maturity date (the “Par Call Date”)), the Company may redeem the Notes at its option, in whole or in part, at any time and from time to time, at a redemption price (expressed as a percentage of principal amount and rounded to three decimal places) equal to the greater of:

- (a) the sum of the present values of the remaining scheduled payments of principal and interest thereon discounted to the redemption date (assuming the Notes matured on the Par Call Date) on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate plus \_\_\_\_ basis points less (b) interest accrued to the redemption date; and

- 100% of the principal amount of the Notes to be redeemed,

plus, in each case, accrued and unpaid interest thereon to, but excluding, the redemption date.

At any time on or after the Par Call Date the Company may redeem the Notes at its option, in whole or in part, at any time and from time to time, at a redemption price equal to 100% of the principal amount of the Notes to be redeemed, plus accrued and unpaid interest thereon to, but excluding, the redemption date.

For purposes of these redemption provisions, the following term has the following meaning.

“Treasury Rate” means, with respect to any redemption date, the yield determined by us in accordance with the following two paragraphs.

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The Treasury Rate shall be determined by us after 4:15 p.m., New York City time (or after such time as yields on U.S. government securities are posted daily by the Board of Governors of the Federal Reserve System), on the third business day preceding the redemption date based upon the yield or yields for the most recent day that appear after such time on such day in the most recent statistical release published by the Board of Governors of the Federal Reserve System designated as “Selected Interest Rates (Daily)—H.15” (or any successor designation or publication) (“H.15”) under the caption “U.S. government securities—Treasury constant maturities—Nominal” (or any successor caption or heading) (“H.15 TCM”). In determining the Treasury Rate, we shall select, as applicable:

- the yield for the Treasury constant maturity on H.15 exactly equal to the period from the redemption date to the Par Call Date (the “Remaining Life”); or
- if there is no such Treasury constant maturity on H.15 exactly equal to the Remaining Life, the two yields—one yield corresponding to the Treasury constant maturity on H.15 immediately shorter than and one yield corresponding to the Treasury constant maturity on H.15 immediately longer than the Remaining Life—and shall interpolate to the Par Call Date on a straight-line basis (using the actual number of days) using such yields and rounding the result to three decimal places; or
- if there is no such Treasury constant maturity on H.15 shorter than or longer than the Remaining Life, the yield for the single Treasury constant maturity on H.15 closest to the Remaining Life. For purposes of this clause, the applicable Treasury constant maturity or maturities on H.15 shall be deemed to have a maturity date equal to the relevant number of months or years, as applicable, of such Treasury constant maturity from the redemption date.

If on the third business day preceding the redemption date H.15 TCM is no longer published, we shall calculate the Treasury Rate based on the rate per annum equal to the semi-annual equivalent yield to maturity at 11:00 a.m., New York City time, on the second business day preceding such redemption date of the United States Treasury security maturing on, or with a maturity that is closest to the Par Call Date, as applicable. If there is no United States Treasury security maturing on the Par Call Date, but there are two or more United States Treasury securities with a maturity date equally distant from the Par Call Date, one with a maturity date preceding the Par Call Date and one with a maturity date following the Par Call Date, we shall select the United States Treasury security with a maturity date preceding the Par Call Date. If there are two or more United States Treasury securities maturing on the Par Call Date, or two or more United States Treasury securities meeting the criteria of the preceding sentence, we shall select from among these two or more United States Treasury securities the United States Treasury security that is trading closest to par based upon the average of the bid and asked prices for such United States Treasury securities at 11:00 a.m., New York City time. In determining the Treasury Rate in accordance with the terms of this paragraph, the semi-annual yield to maturity of the applicable United States Treasury security shall be based upon the average of the bid and asked prices (expressed as a percentage of principal amount) at 11:00 a.m., New York City time, of such United States Treasury security, and rounded to three decimal places.

The Company’s actions and determinations in determining the redemption price shall be conclusive and binding for all purposes, absent manifest error.

The Trustee shall have no obligation or duty whatsoever to determine, or to verify our calculations of, the redemption price.

The Company shall not be required to (i) issue, exchange or register the transfer of any Notes during a period beginning at the opening of business 15 days before the day of the mailing of a notice of redemption of less than all the outstanding Notes of the same series and ending at the close of business on

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the day of such mailing, nor (ii) register the transfer of or exchange of any Notes of any series or portions thereof called for redemption. This Global Note is exchangeable for Notes in definitive registered form only under certain limited circumstances set forth in the Indenture.

In the event of redemption of this Note in part only, a new Note or Notes of this series, of like tenor, for the unredeemed portion hereof will be issued in the name of the Holder hereof upon the surrender of this Note.

In case an Event of Default, as defined in the Indenture, shall have occurred and be continuing, the principal of all of the Notes may be declared, and upon such declaration shall become, due and payable, in the manner, with the effect and subject to the conditions provided in the Indenture.

The Indenture contains provisions for defeasance at any time of the entire indebtedness of this Note upon compliance by the Company with certain conditions set forth therein.

As described in the Company Order and Officers' Certificate, so long as this Note is outstanding, the Company is subject to the covenants described therein.

The Indenture contains provisions permitting the Company and the Trustee, with the consent of the Holders of not less than a majority in aggregate principal amount of the Notes of each series affected at the time outstanding, as defined in the Indenture, to execute supplemental indentures for the purpose of adding any provisions to or changing in any manner or eliminating any of the provisions of the Indenture or of any supplemental indenture or of modifying in any manner the rights of the Holders of the Notes; provided, however, that no such supplemental indenture shall (i) extend the fixed maturity of any Notes of any series, or reduce the principal amount thereof, or reduce the rate or extend the time of payment of interest thereon, or reduce any premium payable upon the redemption thereof, or reduce the amount of the principal of a Discount Security that would be due and payable upon a declaration of acceleration of the maturity thereof pursuant to the Indenture, without the consent of the holder of each Note then outstanding and affected; (ii) reduce the aforesaid percentage of Notes, the holders of which are required to consent to any such supplemental indenture, or reduce the percentage of Notes, the holders of which are required to waive any default and its consequences, without the consent of the holder of each Note then outstanding and affected thereby; or (iii) modify any provision of Section 6.01(c) of the Indenture (except to increase the percentage of principal amount of securities required to rescind and annul any declaration of amounts due and payable under the Notes), without the consent of the holder of each Note then outstanding and affected thereby. The Indenture also contains provisions permitting the Holders of a majority in aggregate principal amount of the Notes of all series at the time outstanding affected thereby, on behalf of the Holders of the Notes of such series, to waive any past default in the performance of any of the covenants contained in the Indenture, or established pursuant to the Indenture with respect to such series, and its consequences, except a default in the payment of the principal of or premium, if any, or interest on any of the Notes of such series. Any such consent or waiver by the registered Holder of this Note (unless revoked as provided in the Indenture) shall be conclusive and binding upon such Holder and upon all future Holders and owners of this Note and of any Note issued in exchange herefor or in place hereof (whether by registration of transfer or otherwise), irrespective of whether or not any notation of such consent or waiver is made upon this Note.

No reference herein to the Indenture and no provision of this Note or of the Indenture shall alter or impair the obligation of the Company, which is absolute and unconditional, to pay the principal of and premium, if any, and interest on this Note at the time and place and at the rate and in the money herein prescribed.

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As provided in the Indenture and subject to certain limitations therein set forth, this Note is transferable by the registered holder hereof on the Security Register of the Company, upon surrender of this Note for registration of transfer at the office or agency of the Company as may be designated by the Company accompanied by a written instrument or instruments of transfer in form satisfactory to the Company or the Trustee duly executed by the registered Holder hereof or his or her attorney duly authorized in writing, and thereupon one or more new Notes of authorized denominations and for the same aggregate principal amount and series will be issued to the designated transferee or transferees. No service charge will be made for any such transfer, but the Company may require payment of a sum sufficient to cover any tax or other governmental charge payable in relation thereto.

Prior to due presentment for registration of transfer of this Note, the Company, the Trustee, any paying agent and any Security Registrar may deem and treat the registered Holder hereof as the absolute owner hereof (whether or not this Note shall be overdue and notwithstanding any notice of ownership or writing hereon made by anyone other than the Security Registrar) for the purpose of receiving payment of or on account of the principal hereof and premium, if any, and interest due hereon and for all other purposes, and neither the Company nor the Trustee nor any paying agent nor any Security Registrar shall be affected by any notice to the contrary.

No recourse shall be had for the payment of the principal of or the interest on this Note, or for any claim based hereon, or otherwise in respect hereof, or based on or in respect of the Indenture, against any incorporator, stockholder, officer or director, past, present or future, as such, of the Company or of any predecessor or successor corporation, whether by virtue of any constitution, statute or rule of law, or by the enforcement of any assessment or penalty or otherwise, all such liability being, by the acceptance hereof and as part of the consideration for the issuance hereof, expressly waived and released.

The Notes of this series are issuable only in registered form without coupons in denominations of \$1,000 and any integral multiple thereof. As provided in the Indenture and subject to certain limitations, Notes of this series are exchangeable for a like aggregate principal amount of Notes of this series of a different authorized denomination, as requested by the Holder surrendering the same.

All terms used in this Note which are defined in the Indenture shall have the meanings assigned to them in the Indenture.

This Note shall not be entitled to any benefit under the Indenture hereinafter referred to, be valid or become obligatory for any purpose until the Certificate of Authentication hereon shall have been signed by or on behalf of the Trustee.

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IN WITNESS WHEREOF, the Company has caused this Instrument to be executed.

AEP TRANSMISSION COMPANY, LLC

By: \_\_\_\_\_  
Assistant Treasurer

Attest:

By : \_\_\_\_\_  
Assistant Secretary

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CERTIFICATE OF AUTHENTICATION

This is one of the Notes of the series of Notes designated in accordance with, and referred to in, the within-mentioned Indenture.

Dated: \_\_\_\_\_, \_\_\_\_\_

THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A.

By: \_\_\_\_\_

Authorized Signatory

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FOR VALUE RECEIVED, the undersigned hereby sell(s), assign(s) and transfer(s) unto

(PLEASE INSERT SOCIAL SECURITY OR OTHER  
IDENTIFYING NUMBER OF ASSIGNEE)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
(PLEASE PRINT OR TYPE NAME AND ADDRESS, INCLUDING ZIP CODE, OF

\_\_\_\_\_  
ASSIGNEE) the within Note and all rights thereunder, hereby

\_\_\_\_\_  
irrevocably constituting and appointing such person attorney to

\_\_\_\_\_  
transfer such Note on the books of the Issuer, with full

\_\_\_\_\_  
power of substitution in the premises.

Dated: \_\_\_\_\_

NOTICE: The signature to this assignment must correspond with the name as written upon the face of the within Note in every particular, without alteration or enlargement or any change whatever and NOTICE: Signature(s) must be guaranteed by a financial institution that is a member of the Securities Transfer Agents Medallion Program ("STAMP"), the Stock Exchange Medallion Program ("SEMP") or the New York Stock Exchange, Inc. Medallion Signature Program ("MSP").

AEP Transmission Company, LLC  
1 Riverside Plaza  
Columbus, Ohio 43215

March 5, 2024

Ladies and Gentlemen:

I am an employee of American Electric Power Service Corporation, a New York corporation and a service company affiliate of AEP Transmission Company, LLC, a Delaware limited liability company (the “Company”). I have acted as counsel to the Company in connection with the Registration Statement on Form S-3 (the “Registration Statement”) filed by the Company with the Securities and Exchange Commission (the “Commission”) under the Securities Act of 1933, as amended (the “Act”), relating to Unsecured Notes (the “Unsecured Notes”) to be issued under an Indenture, dated as of November 1, 2016 (the “Indenture”), between the Company and The Bank of New York Mellon Trust Company, N.A., as Trustee (the “Trustee”), which is governed by New York law. The Unsecured Notes may be issued and sold or delivered from time to time as set forth in the Registration Statement, any amendment thereto, the prospectus contained therein (the “Prospectus”) and supplements to the Prospectus and pursuant to Rule 415 under the Act.

I have examined the Registration Statement and the Indenture which has been filed with the Commission as an exhibit to the Registration Statement. I also have examined the originals, or duplicates or certified or conformed copies, of such corporate records, agreements, documents and other instruments and have made such other investigations as I have deemed relevant and necessary in connection with the opinions hereinafter set forth. As to questions of fact material to this opinion, I have relied upon certificates or comparable documents of public officials and of officers and representatives of the Company.

In rendering the opinions set forth below, I have assumed the genuineness of all signatures, the legal capacity of natural persons, the authenticity of all documents submitted to me as originals, the conformity to original documents of all documents submitted to me as duplicates or certified or conformed copies and the authenticity of the originals of such latter documents. I also have assumed that the Indenture is the valid and legally binding obligation of the Trustee.

Based upon the foregoing, and subject to the qualifications and limitations stated herein, I am of the opinion that: assuming (a) the taking of all necessary corporate action to approve the issuance and terms of the Unsecured Notes, the terms of the offering thereof and related matters by the Board of Directors of the Company, a duly authorized constituted and acting committee of such Board or duly authorized officers of the Company (such Board of Directors, committee or authorized officers being referred to herein as the “Board”) and (b) the due execution, authentication, issuance and delivery of such Unsecured Notes, upon payment of the consideration therefore provided for in the applicable definitive purchase, underwriting or similar agreement approved by the Board and otherwise in accordance with the provisions of the Indenture and such agreement, such Unsecured Notes will constitute valid and legally binding obligations of the Company enforceable against the Company in accordance with their terms, subject to the effects of (i) bankruptcy, insolvency, fraudulent conveyance, reorganization, moratorium and other similar laws relating to or affecting creditors’ rights generally; (ii) general equitable principles (whether considered in a proceeding in equity or at law); and (iii) an implied covenant of good faith and fair dealing.

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I do not express any opinion herein concerning any law other than the laws of the State of New York and Indiana and the Federal law of the United States.

I hereby consent to the filing of this opinion letter as Exhibit 5 to the Registration Statement and to the use of my name under the caption “Legal Opinions” in the Prospectus included in the Registration Statement. In giving this consent, I do not hereby admit that I am in the category of persons whose consent is required under Section 7 of the Act.

Very truly yours,

By: /s/ William E. Johnson  
William E. Johnson

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We hereby consent to the incorporation by reference in this Registration Statement on Form S-3 of AEP Transmission Company, LLC of our report dated February 26, 2024 relating to the financial statements and financial statement schedule of AEP Transmission Company, LLC, which appears in AEP Transmission Company, LLC's Annual Report on Form 10-K for the year ended December 31, 2023. We also consent to the reference to us under the heading "Experts" in such Registration Statement.

/s/ PricewaterhouseCoopers LLP

Columbus, Ohio

March 5, 2024

AEP TRANSMISSION COMPANY, LLC  
POWER OF ATTORNEY

Each of the undersigned managers or officers of AEP TRANSMISSION COMPANY, LLC, a Delaware limited liability company, which is to file with the Securities and Exchange Commission, Washington, D.C. 20549, under the provisions of the Securities Act of 1933, as amended, one or more Registration Statements for the registration thereunder of up to \$2,000,000,000 aggregate principal amount of its Debt Securities, including up to \$2,000,000,000 of indebtedness, comprised of unsecured promissory notes in one or more new series, each series to have a maturity not less than nine months and not more than 50 years, does hereby appoint BENJAMIN G. S. FOWKE, III, CHARLES E. ZEBULA, JULIE A. SHERWOOD and RENEE V. HAWKINS, his or her true and lawful attorneys, and each of them his or her true and lawful attorney, with power to act without the others, and with full power of substitution or resubstitution, to execute for him or her and in his or her name said Registration Statement(s) and any and all amendments thereto, whether said amendments add to, delete from or otherwise alter the Registration Statement(s) or the related Prospectus(es) included therein, or add or withdraw any exhibits or schedules to be filed therewith and any and all instruments necessary or incidental in connection therewith, hereby granting unto said attorneys and each of them full power and authority to do and perform in the name and on behalf of each of the undersigned, and in any and all capacities, every act and thing whatsoever required or necessary to be done in and about the premises, as fully and to all intents and purposes as each of the undersigned might or could do in person, hereby ratifying and approving the acts of said attorneys and each of them.

IN WITNESS WHEREOF the undersigned have hereunto set their hands this 1st day of March 2024.

/s/ Christian T. Beam  
Christian T. Beam

/s/ Benjamin G. S. Fowke, III  
Benjamin G. S. Fowke, III

/s/ David M. Feinberg  
David M. Feinberg

/s/ Charles E. Zebula  
Charles E. Zebula

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AEP TRANSMISSION COMPANY, LLC  
Board of Managers  
March 1, 2024

The Chair outlined a proposed financing program of the Company involving the issuance and sale, either at competitive bidding, through a negotiated public offering with one or more agents or underwriters or through private placement, of debt securities comprised of unsecured promissory notes in one or more new series, each series to have a maturity of not more than sixty years ("Debt Securities"). The Debt Securities may be issued in the form of promissory notes. The Chair stated that, as an alternative to issuing Debt Securities, the Company may issue one or more unsecured promissory notes ("AEP Notes") to either its intermediate or ultimate parent: AEP Transmission Holding Company, LLC and American Electric Power Company, Inc., respectively (collectively, the "Parents"). The Chair further stated that, as an alternative to issuing Debt Securities or AEP Notes, the Company might enter into one or more term loan agreements or note purchase agreements with one or more commercial banks, financial institutions or other institutional investors, providing for the issuance of unsecured notes with a maturity in excess of nine months ("Term Notes").

The Chair stated that the aggregate amount of Debt Securities, AEP Notes or Term Notes issued will not exceed \$2,000,000,000.

The Chair explained that it was proposed that the proceeds to be received in connection with the proposed sale of Debt Securities, AEP Notes and Term Notes would be added to the general funds of the Company and used to pay at maturity, or prepay as may be appropriate and as may then be desirable, or purchase directly or indirectly currently outstanding debt or to reimburse the Company's treasury for expenditures incurred in connection with its construction program or for other corporate purposes.

Thereupon, on motion duly made and seconded, it was unanimously

RESOLVED, that the proposed financing program of this Company, as outlined at this meeting, be, and the same hereby is, in all respects ratified, confirmed and approved; and further

RESOLVED, that any prior authorization to issue Debt Securities, AEP Notes or Term Notes be, and the same hereby is, in all respects superseded; and further

RESOLVED, that the proper persons be, and they hereby are, authorized to take all steps necessary, or in their opinion desirable, to carry out the financing program outlined at this meeting.

The Chair also stated that it may be necessary to register or qualify the securities to be sold pursuant to such financing program under the "blue sky" laws of various jurisdictions.

Thereupon, on motion duly made and seconded, it was unanimously

RESOLVED, that it is desirable and in the best interest of the Company that the Debt Securities be qualified or registered for sale in various jurisdictions; that (i) the President, the Treasurer or any Assistant Treasurer of the Company or (ii) any Executive Vice President of American Electric Power Service Corporation ("Authorized Persons") be, and they hereby are, authorized to determine the jurisdictions in which appropriate action shall be taken to qualify or register for sale all or such part of the Debt Securities of the Company as said Authorized Persons may deem advisable; that said Authorized Persons are hereby authorized to perform on behalf of the Company any and all such acts as they may deem necessary or advisable in order to comply with the applicable laws of any such jurisdictions, and in connection therewith to execute and file all requisite papers and documents, including, but not limited to, applications, reports, surety bonds, irrevocable consents and appointments of attorneys for service of process; and the execution by such Authorized Persons of any such paper or document or the doing by them of any act in connection with the foregoing matters shall conclusively establish their authority therefor from the Company and the approval and ratification by the Company of the papers and documents so executed and the action so taken; and further

RESOLVED, that the Authorized Persons be, and they hereby are, authorized and directed to take any and all further action in connection with the foregoing documents, including the execution and filing of such amendment or amendments, supplement or supplements and exhibit or exhibits thereto as they may deem necessary or desirable.

The Chair next explained that the Company could also enter into an Underwriting Agreement ("Underwriting Agreement") or other agreement, with certain underwriters, to be selected by the Chief Financial Officer, the Treasurer or the Assistant Treasurer, under which the underwriters may purchase up to \$2,000,000,000 aggregate principal amount of Debt Securities. He recommended that the Board authorize the appropriate persons to enter into an Underwriting Agreement and determine the purchase price of the Debt Securities, provided that the price shall not be less than 95% (including compensation to the underwriters) of the aggregate principal amount of the Debt Securities.

Thereupon, it was, on motion duly made and seconded, unanimously

RESOLVED, that the Authorized Persons (as previously defined) be, and each of them hereby is, authorized to execute and deliver in the name and on behalf of this Company, an Underwriting Agreement or other agreement in such form as shall be approved by the Authorized Person executing the same, such execution to be conclusive evidence of such approval, provided that the purchase price of the Debt Securities shall not be less than 95% (including compensation to the underwriters) of the aggregate principal amount of the Debt Securities; and further

RESOLVED, that the Authorized Persons be, and they hereby are, authorized to execute and deliver such other documents and instruments, and to do such other acts and things, that in their judgment may be necessary or desirable in connection with the transactions authorized in the foregoing resolutions.

The Chair stated to the meeting that it was necessary that the Board authorize the execution and delivery of an Indenture to be entered into between the Company and a trustee satisfying the qualification for such under any applicable law ("Approved Trustee") or any successor trustee ("Indenture") to provide for the issuance of Debt Securities, in an unlimited aggregate principal amount to be issued from time to time in one or more series.

Thereupon, it was, on motion duly made and seconded, unanimously

RESOLVED, that the Authorized Persons (as previously defined) and the Secretary or an Assistant Secretary of the Company be, and they hereby are, authorized to execute and deliver in the name and on behalf of this Company, the Indenture in such form as shall be approved by the officers executing the same, such execution to be conclusive evidence of such approval; and that the trustee is hereby approved and appointed as trustee under such Indenture.

The Chair then stated to the meeting that, in order to enable the Company to perform its obligations under any Underwriting Agreement or other agreement approved at this meeting providing for the sale of up to \$2,000,000,000 aggregate principal amount of Debt Securities in the form of unsecured notes ("Notes"), which may include a put option or a call option or both, it was necessary that the Board authorize the execution and delivery of one or more Company Orders or Supplemental Indentures to the Indenture between the Company and the Approved Trustee, in such form as shall be approved by the officer executing the same, such execution to be conclusive evidence of such approval. The terms of each series of Notes will be established under a Company Order or a Supplemental Indenture. The interest rate, maturity and certain other terms have not yet been determined. The Chair recommended that the Board authorize the appropriate persons to determine the financial terms and conditions of the Notes, including without limitation, (i) the principal amount of the Notes to be sold in each offering, (ii) the interest or method of determining the interest on the Notes, (iii) the maturity

(which shall not exceed 60 years from the date of issuance) and redemption provisions of the Notes and (iv) such other terms and conditions as are contemplated or permitted by the Indenture, a new indenture, a Company Order or a Supplemental Indenture. Any fixed interest rate applicable to the Notes would not exceed by more than 5% the yield to maturity at the date of pricing on United States Treasury obligations of comparable maturity. Any initial fluctuating interest rate applicable to the Notes would not exceed 8%.

Thereupon, it was, on motion duly made and seconded, unanimously

RESOLVED, that the Authorized Persons (as previously defined) and the Secretary or an Assistant Secretary of the Company be, and they hereby are, authorized to create up to \$2,000,000,000 aggregate principal amount of Notes to be issued under an Indenture and one or more Supplemental Indentures or Company Orders or equivalent documentation, in such form as shall be approved by the Authorized Persons and the Secretary or an Assistant Secretary of the Company executing the same, such execution to be conclusive evidence of such approval and with such financial terms and conditions as determined by the Authorized Persons and the Secretary or an Assistant Secretary of the Company, pursuant to such Indenture and one or more Supplemental Indentures or Company Orders or equivalent documentation, and with either a fixed rate of interest which shall not exceed by more than 5% the yield to maturity at the date of pricing on United States Treasury obligations of comparable maturity or at an initial fluctuating rate of interest which at the time of pricing would not exceed 8%, or at a combination of such described fixed or fluctuating rates, and to specify the maturity, redemption or tender provisions and other terms, at the time of issuance thereof with the maturity not to exceed 60 years; and further

RESOLVED, that the Authorized Persons and the Secretary or an Assistant Secretary of the Company be, and they hereby are, authorized and directed to execute and deliver, on behalf of this Company, one or more Supplemental Indentures or Company Orders, specifying the designation, terms, redemption provisions and other provisions of the Notes and providing for the creation of each series of Notes, each such instrument to be substantially in the form as shall be approved by the Authorized Person and the Secretary or an Assistant Secretary of the Company executing the same, such execution to be conclusive evidence of such approval, that the Approved Trustee under the Indenture or a new indenture is hereby requested to join in the execution of any Supplemental Indenture or Company Order, as Trustee; and further

RESOLVED, that the Authorized Persons and the Secretary or an Assistant Secretary of the Company be, and they hereby are, authorized and directed to execute and deliver, on behalf of this Company, to the extent not determined in a Supplemental Indenture or Company Order, a certificate requesting the authentication and delivery of any such Notes and establishing the terms of any tranche of such series or specifying procedures for doing so in accordance with the procedures established in the Indenture or any new indenture; and further

RESOLVED, that the Authorized Persons and the Secretary or an Assistant Secretary of this Company be, and they hereby are, authorized and directed to execute in accordance with the provisions of the Indenture or any new indenture (the signatures of such Authorized Persons to be effected either manually or by facsimile, in which case such facsimile is hereby adopted as the signature of such Authorized Persons and the Secretary or an Assistant Secretary of the Company thereon), and to deliver to the Approved Trustee under the Indenture, the Notes in the aggregate principal amount of up to \$2,000,000,000 as definitive fully registered bonds without coupons in such denominations as may be permitted under the Indenture; and further

RESOLVED, that if any Authorized Person or the Secretary or an Assistant Secretary of this Company who signs, or whose facsimile signature appears upon, any of the Notes ceases to be such an Authorized Person or Secretary or an Assistant Secretary of the Company prior to their issuance, the Notes so signed or bearing such facsimile signature shall nevertheless be valid; and further

RESOLVED, that, subject as aforesaid, the Approved Trustee under such Indenture, be, and it hereby is, requested to authenticate, by the manual signature of an authorized officer of such Approved Trustee, the Notes and to deliver the same from time to time in accordance with the written order of this Company by the Authorized Persons and the Secretary or an Assistant Secretary of the Company; and further

RESOLVED, that David C. House of Lewis Center, Ohio, William E. Johnson of Gahanna, Ohio, and Ryan F. Aguiar of Columbus, Ohio, attorneys and employees of American Electric Power Service Corporation, an affiliate of this Company, be, and each of them hereby is, appointed Counsel to render any Opinion of Counsel required by the Indenture or any new indenture in connection with the authentication and delivery of the Notes; and further



RESOLVED, that the office of the Approved Trustee under such Indenture as may be designated by the Company be, and it hereby is, designated as the office or agency of this Company, in accordance with the Indenture or any new indenture, for the payment of the principal of and the interest on the Notes, for the registration, transfer and exchange of Notes and for notices or demands to be served on the Company with respect to the Notes; and further

RESOLVED, that the Approved Trustee under such Indenture as may be designated by the Company, be, and it hereby is, appointed the withholding agent and attorney of this Company for the purpose of withholding any and all taxes required to be withheld by the Company under the Federal revenue acts from time to time in force and the Treasury Department regulations pertaining thereto, from interest paid from time to time on the Notes, and is hereby authorized and directed to make any and all payments and reports and to file any and all returns and accompanying certificates with the Federal Government which it may be permitted or required to make or file as such agent under any such revenue act and/or Treasury Department regulation pertaining thereto; and further

RESOLVED, that the Authorized Persons (as defined above) and the Secretary or an Assistant Secretary of this Company be, and they hereby are, authorized and directed to effect transfers and exchanges of the Notes, pursuant to the Indenture without charging a sum for any Note issued upon any such transfer or exchange other than a charge in connection with each such transfer or exchange sufficient to cover any tax or other governmental charge in relation thereto; and further

RESOLVED, that the Approved Trustee under such Indenture as may be designated by the Company, be, and it hereby is, appointed as Note Registrar in accordance with the Indenture; and further

RESOLVED, that the Authorized Persons and Secretary or an Assistant Secretary of the Company be, and they hereby are, authorized and directed to execute such instruments and papers and to do any and all acts as to them may seem necessary or desirable to carry out the purposes of the foregoing resolutions.

The Chair further stated that it would be desirable to authorize the appropriate persons, on behalf of the Company, to issue one or more unsecured promissory notes to either of its Parents in an aggregate principal amount of up to \$2,000,000,000.

Thereupon, upon motion duly made and seconded, it was unanimously

RESOLVED, that the Authorized Persons (as previously defined) be, and each of them hereby is, authorized, in the name and on behalf of this Company, to borrow from either of its Parents up to \$2,000,000,000.

The Chair further stated that it would be desirable to authorize the proper persons on behalf of the Company, to enter into one or more term loan or note purchase agreements in such form as shall be approved by the person executing the same, such execution to be conclusive evidence of such approval ("Term Loan Agreement") with one or more as yet unspecified commercial banks, financial institutions or other institutional investors, which would provide for the Company to borrow up to \$2,000,000,000. Such borrowings would be evidenced by an unsecured promissory note or notes (the "Term Note") of the Company maturing not less than nine months nor more than sixty years after the date thereof, bearing interest to maturity at either a fixed rate, floating rate, or combination thereof. Any fixed interest rate of the Note will not be greater than 5% above the yield to maturity of United States Treasury obligations that mature on or about the date of maturity of the note. Any fluctuating rate will not be greater than 5% above the rate of interest announced publicly by the lending bank from time to time as its base or prime rate, but in no event will the initial fluctuating rate of interest exceed 8% at the time of issuance.

Thereupon, upon motion duly made and seconded, it was unanimously

RESOLVED, that the Authorized Persons (as previously defined) be, and each of them hereby is, authorized to execute and deliver in the name and on behalf of this Company, one or more Term Loan Agreements in such form as shall be approved by the officer executing the same, such execution to be conclusive evidence of such approval in substantially the form of such agreement submitted to this meeting, at either a fixed rate of interest which shall not be greater than 5% above the yield to maturity of United States Treasury obligations that mature on or about the maturity date of the Note issued thereunder, or a fluctuating rate of interest which shall not be greater than 5% above the rate of interest announced publicly by the lending bank from time to time as its base or prime rate, but in no event will the initial fluctuating rate of interest exceed 8%, or at a combination of such described fixed or fluctuating rates; and further

RESOLVED, that the Authorized Persons be, and each of them hereby is, authorized, in the name and on behalf of this Company, to borrow from one or more commercial banks, financial institutions or other institutional investors, up to \$2,000,000,000, upon the terms and subject to the conditions of the Term Loan Agreement as executed and delivered; and in connection therewith, to execute and deliver a promissory note, with such insertions therein and changes thereto consistent with such Term Loan Agreement as shall be approved by the officer executing the same, such execution to be conclusive evidence of such approval; and further

RESOLVED, that the Authorized Persons be, and they hereby are, authorized to execute and deliver such other documents and instruments, and to do such other acts and things, that in their judgment may be necessary or desirable in connection with the transactions authorized in the foregoing resolutions.

The Chair stated that it may be desirable to enter into one or more hedge agreements, such as a forward starting swap, treasury lock agreement, treasury put option or interest rate collar agreement (“Hedge Agreement”) to protect against future interest rate movements. He recommended that the Board authorize the appropriate persons to enter into one or more Hedge Agreements, provided that the amount covered by any Hedge Agreement is consistent with the approved AEP Interest Rate Risk Policy and any applicable regulatory orders.

Thereupon, on motion duly made and seconded, it was unanimously

RESOLVED, that the Authorized Persons be, and each of them hereby is, authorized to execute and deliver in the name and on behalf of this Company, one or more Hedge Agreements in such form as shall be approved by the Authorized Person executing the same, such execution to be conclusive evidence of such approval, provided that the amount covered by any such Hedge Agreement is consistent with the approved AEP Interest Rate Risk Policy and any applicable regulatory orders; and further

RESOLVED, that the Authorized Persons be, and they hereby are, authorized to execute and deliver such other documents and instruments, and to do such other acts and things, that in their judgment may be necessary or desirable in connection with the transactions authorized in the foregoing resolutions.

The Chair stated that it may be desirable to enter into one or more interest rate management agreements, such as interest rate swaps, caps, collars, floors, options or hedging products such as forwards or futures, or similar products (“Interest Rate Management Agreements”), in each case to manage and minimize interest costs. The transactions will be for a fixed period and a stated principal amount and may be for underlying fixed or variable obligations of the Company. He recommended that the Board authorize the appropriate persons to enter into one or more Interest Rate Management Agreements, provided that any such Interest Rate Management Agreement shall conform to the approved AEP Interest Rate Risk Policy and any conditions that may be imposed by any regulatory body.

Thereupon, on motion duly made and seconded, it was unanimously

RESOLVED, that the Authorized Persons be, and each of them hereby is, authorized to execute and deliver in the name and on behalf of this Company, one or more Interest Rate Management Agreements in such form as shall be approved by the Authorized Person executing the same, such execution to be conclusive evidence of such approval, provided that any such Interest Rate Management Agreement shall conform to the approved AEP Interest Rate Risk Policy and any conditions that may be imposed by any regulatory body; and further

RESOLVED, that the Authorized Persons be, and they hereby are, authorized to execute and deliver such other documents and instruments, and to do such other acts and things, that in their judgment may be necessary or desirable in connection with the transactions authorized in the foregoing resolutions.

The Chair then stated that it may be necessary to file one or more registration statements on Form S-3 ("Registration Statements") pursuant to the applicable provisions of the Securities Act of 1933, as amended, and to register or qualify the securities to be sold pursuant to such financing program under the "blue sky" laws of various jurisdictions.

Thereupon, on motion duly made and seconded, it was unanimously

RESOLVED, that the proper officers of this Company be, and they hereby are, authorized to execute and file with the Securities and Exchange Commission ("SEC") on behalf of the Company one or more Registration Statements pursuant to the applicable provisions of the Securities Act of 1933, as amended; and further

RESOLVED, that the proper officers of this Company be, and they hereby are, authorized and directed to take any and all further action in connection therewith, including the execution and filing of such amendment or amendments, supplement or supplements and exhibit or exhibits thereto as the officers of this Company may deem necessary or desirable.

The Chair further stated that, in connection with the filing with the SEC of one or more Registration Statements relating to the proposed issuance and sale of up to \$2,000,000,000 of Debt Securities, there may be filed with the SEC a Power of Attorney, to be executed by the officers and directors of this Company appointing true and lawful attorneys to act in connection with the filing of such Registration Statement(s) and any and all amendments thereto.

Thereupon, on motion duly made and seconded, the following preambles and resolutions were unanimously adopted:

WHEREAS, the Company proposes to file with the SEC one or more Registration Statements for the registration pursuant to the applicable provisions of the Securities Act of 1933, as amended, of up to \$2,000,000,000 aggregate principal amount of Debt Securities, in one or more new series, each series to have a maturity of not less than nine months and not more than 60 years; and

WHEREAS, in connection with said Registration Statement(s), there may be filed with the SEC a Power of Attorney, to be executed by certain of the officers and directors of this Company appointing Benjamin G. S. Fowke, III, Charles E. Zebula, Julie A. Sherwood and Renee V. Hawkins, or any one of them, their true and lawful attorneys, with the powers and authority set forth in said Power of Attorney;

NOW, THEREFORE, BE IT

RESOLVED, that each and every one of said officers and directors be, and they hereby are, authorized to execute said Power of Attorney; and further

RESOLVED, that any and all action hereafter taken by any of said named attorneys under said Power of Attorney be, and the same hereby is, ratified and confirmed and that said attorneys shall have all the powers conferred upon them and each of them by said Power of Attorney; and further

RESOLVED, that said Registration Statement(s) and any amendments thereto, hereafter executed by any of said attorneys under said Power of Attorney be, and the same hereby are, ratified and confirmed as legally binding upon this Company to the same extent as if the same were executed by each said officer and director of this Company personally and not by any of said attorneys.

The Chair indicated to the meeting that it may be desirable that the Debt Securities be listed on the New York Stock Exchange and/or the Nasdaq Bond Exchange (collectively, a “National Stock Exchange”) in connection with any such application, to register the Debt Securities under the Securities Exchange Act of 1934, as amended (the “1934 Act”). The Chair then stated that it would be necessary to authorize the filing of one or more applications for the registration of up to \$2,000,000,000 aggregate principal amount of Debt Securities with the SEC pursuant to the provisions of the 1934 Act.

Thereupon, on motion duly made and seconded, it was unanimously

RESOLVED, that the officers of this Company be, and they hereby are, authorized, in their discretion, to make one or more applications, on behalf of this Company, to a National Stock Exchange for the listing of up

to \$2,000,000,000 aggregate principal amount of Debt Securities; and further

RESOLVED, that Benjamin G. S. Fowke, III, Charles E. Zebula, Julie A. Sherwood and Renee V. Hawkins, or any one of them, be, and they hereby are, designated to appear before a National Stock Exchange with full authority to make such changes in any such application or any agreements relating thereto as may be necessary or advisable to conform with the requirements for listing; and further

RESOLVED, that the proper officers be, and they hereby are, authorized to execute and file, on behalf of this Company, one or more applications for the registration of up to \$2,000,000,000 aggregate principal amount of Debt Securities with the SEC pursuant to the provisions of the 1934 Act, as amended, in such form as the officers of this Company executing the same may determine; and further

RESOLVED, that the Authorized Persons (as previously defined) be, and each of them hereby is, authorized, in the event any said application for listing is made, to execute and deliver on behalf of this Company an indemnity agreement in such form, with such changes therein as the Authorized Persons executing the same may approve, their execution to be conclusive evidence of such approval; and further

RESOLVED, that the Authorized Persons be, and each of them hereby is, authorized to take any other action and to execute any other documents that in their judgment may be necessary or desirable in connection with listing the Debt Securities on a National Stock Exchange.

The Chair advised the meeting that it was proposed to designate independent counsel for the successful bidder or bidders and/or agents of the Company for the new series of Debt Securities proposed to be issued and sold in connection with the proposed financing program of the Company.

Thereupon, on motion duly made and seconded, it was unanimously

RESOLVED, that Hunton & Williams LLP be, and said firm hereby is, designated as independent counsel for the successful bidder or bidders and/or agents of the Company for the new series of Debt Securities of this Company proposed to be issued and sold in connection with the proposed financing program of this Company.

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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

FORM T-1

STATEMENT OF ELIGIBILITY  
UNDER THE TRUST INDENTURE ACT OF 1939 OF A  
CORPORATION DESIGNATED TO ACT AS TRUSTEE

CHECK IF AN APPLICATION TO DETERMINE  
ELIGIBILITY OF A TRUSTEE PURSUANT TO  
SECTION 305(b)(2) ☐

THE BANK OF NEW YORK MELLON  
TRUST COMPANY, N.A.  
(Exact name of trustee as specified in its charter)

(Jurisdiction of incorporation  
if not a U.S. national bank)

95-3571558  
(I.R.S. employer  
identification no.)

333 South Hope Street  
Suite 2525  
Los Angeles, California  
(Address of principal executive offices)

90071  
(Zip code)

AEP Transmission Company, LLC  
(Exact name of obligor as specified in its charter)

Delaware  
(State or other jurisdiction of  
incorporation or organization)

46-1125168  
(I.R.S. employer  
identification no.)

1 Riverside Plaza  
Columbus, Ohio  
(Address of principal executive offices)

43215  
(Zip code)

Unsecured Notes  
(Title of the indenture securities)

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**1. General information. Furnish the following information as to the trustee:**

**(a) Name and address of each examining or supervising authority to which it is subject.**

Name	Address
Comptroller of the Currency United States Department of the Treasury	Washington, DC 20219
Federal Reserve Bank	San Francisco, CA 94105
Federal Deposit Insurance Corporation	Washington, DC 20429

**(b) Whether it is authorized to exercise corporate trust powers.**

Yes.

**2. Affiliations with Obligor.**

**If the obligor is an affiliate of the trustee, describe each such affiliation.**

None.

**16. List of Exhibits.**

**Exhibits identified in parentheses below, on file with the Commission, are incorporated herein by reference as an exhibit hereto, pursuant to Rule 7a 29 under the Trust Indenture Act of 1939 (the "Act").**

1. A copy of the articles of association of The Bank of New York Mellon Trust Company, N.A., formerly known as The Bank of New York Trust Company, N.A. (Exhibit 1 to Form T-1 filed with Registration Statement No. 333-121948 and Exhibit 1 to Form T-1 filed with Registration Statement No. 333-152875).
2. A copy of certificate of authority of the trustee to commence business. (Exhibit 2 to Form T-1 filed with Registration Statement No. 333-121948).

3. A copy of the authorization of the trustee to exercise corporate trust powers (Exhibit 3 to Form T-1 filed with Registration Statement No. 333-152875).=
4. A copy of the existing by-laws of the trustee (Exhibit 4 to Form T-1 filed with Registration Statement No. 333-229762).
6. The consent of the trustee required by Section 321(b) of the Act (Exhibit 6 to Form T-1 filed with Registration Statement No. 333-152875).
7. A copy of the latest report of condition of the Trustee published pursuant to law or to the requirements of its supervising or examining authority.

SIGNATURE

Pursuant to the requirements of the Act, the trustee, The Bank of New York Mellon Trust Company, N.A., a banking association organized and existing under the laws of the United States of America, has duly caused this statement of eligibility to be signed on its behalf by the undersigned, thereunto duly authorized, all in the City of Jacksonville, and State of Florida, on the 28th day of February, 2024.

THE BANK OF NEW YORK MELLON  
TRUST COMPANY, N.A.

By: /s/ Michael C. Jenkins  
Name: Michael C. Jenkins  
Title: Vice President

Consolidated Report of Condition of  
THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A.  
of 333 South Hope Street, Suite 2525, Los Angeles, CA 90071

At the close of business December 31, 2023, published in accordance with Federal regulatory authority instructions.

<u>ASSETS</u>	<u>Dollar amounts</u> <u>in thousands</u>
Cash and balances due from depository institutions:	
Noninterest-bearing balances and currency and coin	2,559
Interest-bearing balances	331,039
Securities:	
Held-to-maturity securities	0
Available-for-sale securities	524
Equity securities with readily determinable fair values not held for trading	0
Federal funds sold and securities purchased under agreements to resell:	
Federal funds sold in domestic offices	0
Securities purchased under agreements to resell	0
Loans and lease financing receivables:	
Loans and leases held for sale	0
Loans and leases, held for investment	0
LESS: Allowance for loan and lease losses	0
Loans and leases held for investment, net of allowance	0
Trading assets	0
Premises and fixed assets (including capitalized leases)	13,138
Other real estate owned	0
Investments in unconsolidated subsidiaries and associated companies	0
Direct and indirect investments in real estate ventures	0
Intangible assets	856,313
Other assets	114,683
Total assets	\$ 1,318,256

## LIABILITIES

## Deposits:

In domestic offices	1,264
Noninterest-bearing	1,264
Interest-bearing	0
Federal funds purchased and securities sold under agreements to repurchase:	
Federal funds purchased in domestic offices	0
Securities sold under agreements to repurchase	0
Trading liabilities	0
Other borrowed money:	
(includes mortgage indebtedness and obligations under capitalized leases)	0
Not applicable	
Not applicable	
Subordinated notes and debentures	0
Other liabilities	263,286
Total liabilities	264,550
Not applicable	

## EQUITY CAPITAL

Perpetual preferred stock and related surplus	0
Common stock	1,000
Surplus (exclude all surplus related to preferred stock)	106,539
Not available	
Retained earnings	946,167
Accumulated other comprehensive income	0
Other equity capital components	0
Not available	
Total bank equity capital	1,053,706
Noncontrolling (minority) interests in consolidated subsidiaries	0
Total equity capital	1,053,706
Total liabilities and equity capital	1,318,256

I, Matthew J. McNulty, CFO of the above-named bank do hereby declare that the Reports of Condition and Income (including the supporting schedules) for this report date have been prepared in conformance with the instructions issued by the appropriate Federal regulatory authority and are true to the best of my knowledge and belief.

Matthew J. McNulty ) CFO

We, the undersigned directors (trustees), attest to the correctness of the Report of Condition (including the supporting schedules) for this report date and declare that it has been examined by us and to the best of our knowledge and belief has been prepared in conformance with the instructions issued by the appropriate Federal regulatory authority and is true and correct.

Antonio I. Portuondo, President )  
Loretta A. Lundberg, Managing Director ) Directors (Trustees)  
Jon M. Pocchia, Managing Director )