

Energy Ohio, nor the underwriters have authorized, nor do they authorize, the making of any offer of Mortgage Bonds other than to UK Qualified Investors.

PROHIBITION OF SALES TO UNITED KINGDOM RETAIL INVESTORS—The Mortgage Bonds are not intended to be offered, sold or otherwise made available to and should not be offered, sold or otherwise made available to any retail investor in the United Kingdom. For these purposes, a retail investor means a person who is one (or more) of: (i) a retail client, as defined in point (8) of Article 2 of Regulation (EU) No 2017/565 as it forms part of domestic law in the United Kingdom by virtue of the EUWA; or (ii) a customer within the meaning of the provisions of the United Kingdom's Financial Services and Markets Act 2000, as amended (the "FSMA") and any rules or regulations made under the FSMA to implement the Insurance Distribution Directive, where that customer would not qualify as a professional client, as defined in point (8) of Article 2(1) of Regulation (EU) No 600/2014 as it forms part of domestic law in the United Kingdom by virtue of the EUWA; or (iii) not a qualified investor as defined in Article 2 of the UK Prospectus Regulation. Consequently, no key information document required by Regulation (EU) No 1286/2014 as it forms part of domestic law in the United Kingdom by virtue of the EUWA (the "UK PRIIPs Regulation") for offering or selling the Mortgage Bonds or otherwise making them available to retail investors in the United Kingdom has been prepared and therefore offering or selling the Mortgage Bonds or otherwise making them available to any retail investor in the United Kingdom may be unlawful under the UK PRIIPs Regulation.

The communication of this prospectus supplement, the accompanying prospectus, any related free writing prospectus and any other document or materials relating to the issue of the Mortgage Bonds offered hereby is not being made, and such documents and/or materials have not been approved, by an authorized person for the purposes of section 21 of the FSMA. Accordingly, such documents and/or materials are not being distributed to, and must not be passed on to, the general public in the United Kingdom. This document and such other documents and/or materials are for distribution only to persons who (i) have professional experience in matters relating to investments and who fall within the definition of investment professionals (as defined in Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005, as amended (the "Financial Promotion Order")), (ii) fall within Article 49(2) (a) to (d) of the Financial Promotion Order, (iii) are outside the United Kingdom, or (iv) are other persons to whom it may otherwise lawfully be made under the Financial Promotion Order (all such persons together being referred to as "relevant persons"). This document is directed only at relevant persons and must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this prospectus supplement, the accompanying prospectus, any related free writing prospectus and any other document or materials relates will be engaged in only with relevant persons. Any person in the United Kingdom that is not a relevant person should not act or rely on this prospectus supplement, the accompanying prospectus or any related free writing prospectus or any of their contents.

PROSPECTUS SUPPLEMENT SUMMARY

The following summary is qualified in its entirety by, and should be read together with, the more detailed information that is included elsewhere in this prospectus supplement and the accompanying prospectus, as well as the information that is incorporated or deemed to be incorporated by reference in this prospectus supplement and the accompanying prospectus. See "Where You Can Find More Information" in this prospectus supplement for information about how you can obtain the information that is incorporated or deemed to be incorporated by reference in this prospectus supplement and the accompanying prospectus. Investing in the Mortgage Bonds involves risks. See "Risk Factors" in this prospectus supplement.

Duke Energy Ohio, Inc.

Duke Energy Ohio, Inc., an Ohio corporation and an indirect wholly-owned subsidiary of Duke Energy Corporation ("Duke Energy"), is a regulated public utility primarily engaged in the transmission and distribution of electricity in portions of Ohio and Kentucky, in the generation and sale of electricity in portions of Kentucky, and the transportation and sale of natural gas in portions of Ohio and Kentucky. Duke Energy Ohio also conducts competitive auctions for retail electricity supply in Ohio whereby recovery of the energy price is from retail customers. Operations in Kentucky are conducted through our wholly owned subsidiary, Duke Energy Kentucky, Inc. ("Duke Energy Kentucky"). As of December 31, 2022, Duke Energy Ohio's service area covers approximately 3,000 square miles and supplies electric service to approximately 900,000 residential, commercial and industrial customers and provides transmission and distribution services for natural gas to approximately 550,000 customers. As of December 31, 2022, our asset portfolio included approximately 1,080 megawatts of owned generation capacity, 19,800 miles of distribution lines and 1,800 miles of transmission lines.

Our principal executive offices are located at 139 East Fourth Street, Cincinnati, Ohio 45202. Our telephone number is (704) 382-3853.

The foregoing information about Duke Energy Ohio is only a general summary and is not intended to be comprehensive. For additional information about Duke Energy Ohio, you should refer to the information described under the caption "Where You Can Find More Information" in this prospectus supplement.

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	The Offering
Issuer	Duke Energy Ohio, Inc.
Securities Offered	We are offering \$375,000,000 aggregate principal amount of the 2033 Mortgage Bonds and \$375,000,000 aggregate principal amount of the 2053 Mortgage Bonds.
Maturity Date	The 2033 Mortgage Bonds will mature on April 1, 2033. The 2053 Mortgage Bonds will mature on April 1, 2053.
Interest Rate	The per annum interest rate on the 2033 Mortgage Bonds will be 5.25%. The per annum interest rate on the 2053 Mortgage Bonds will be 5.65%.
Interest Payment Dates	Interest on the Mortgage Bonds will be payable semi-annually in arrears on April 1 and October 1 of each year, beginning on October 1, 2023.
Ranking	The Mortgage Bonds are two new series of Securities (as defined herein) and will rank <i>pari passu</i> with all Securities now or subsequently issued and outstanding under the Mortgage (as defined herein). At December 31, 2022, we had outstanding approximately \$1.85 billion in aggregate principal amount of Securities, which will rank equally with the Mortgage Bonds.
Further Issuance	Subject to the limits contained in the Mortgage that are described in the accompanying prospectus under “Description of First Mortgage Bonds—Issuance of Additional First Mortgage Bonds,” we may from time to time, without the consent of existing holders of a series of Securities, reopen such series of Securities (including the Mortgage Bonds) and issue additional Securities of such series under the Mortgage in addition to the Securities of such series previously issued. We may issue Securities having the same ranking, interest rate, maturity and other terms as either series of Mortgage Bonds being offered hereby (except for the issue date, the price to the public and, if applicable, the first interest payment date and initial interest accrual date); provided, however, that such additional Securities must be fungible with the applicable Mortgage Bonds for U.S. federal income tax purposes, and any such additional Securities, together with the applicable Mortgage Bonds, will be taken to constitute the same series of Securities under the Mortgage.
Basis for Issuance of the Mortgage Bonds	The Mortgage Bonds will be issued on the basis of Property Additions (as defined in the Mortgage and in the accompanying prospectus under “Description of First Mortgage Bonds—Issuance of Additional First Mortgage Bonds”). As of December 31, 2022, we could issue under the terms of the Mortgage, (i) on the basis of Property Additions, up to approximately \$1,037 million of additional Securities (approximately \$287 million after giving effect to the Mortgage Bonds offered hereby) and (ii) on the basis of Retired Securities (as defined in the Mortgage and in the accompanying prospectus under “Description of First Mortgage Bonds—Issuance of Additional First Mortgage Bonds”), up to approximately \$100 million of additional Securities. However, the actual amount of additional Securities, if any, that we may issue under the Mortgage will vary from time to time due to numerous factors.

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Collateral	<p>The Mortgage Bonds will be secured by a first mortgage lien, subject only to permitted liens, on substantially all of our tangible electric and natural gas transmission, storage and distribution utility property located in Ohio, together with our recorded easements and rights of way, franchises, licenses, permits, grants, immunities, privileges and rights that are used or useful in the operation of such property, other than Excepted Property (as defined in the accompanying prospectus under “Description of First Mortgage Bonds—Lien of the Mortgage”).</p>
Optional Redemption	<p>Prior to January 1, 2033 (the date that is three months prior to the maturity date of the 2033 Mortgage Bonds (the “2033 Par Call Date”)), we may redeem the 2033 Mortgage Bonds at our 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:</p> <ul style="list-style-type: none"> • (a) the sum of the present values of the remaining scheduled payments of principal and interest thereon discounted to the redemption date (assuming the 2033 Mortgage Bonds matured on the 2033 Par Call Date) on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate (as defined herein) applicable to the 2033 Mortgage Bonds plus 30 basis points less (b) interest accrued to the redemption date; and • 100% of the principal amount of the 2033 Mortgage Bonds to be redeemed, <p>plus, in either case, accrued and unpaid interest thereon to, but excluding, the redemption date.</p> <p>On or after the 2033 Par Call Date, we may redeem the 2033 Mortgage Bonds at our 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 2033 Mortgage Bonds to be redeemed plus accrued and unpaid interest thereon to, but excluding, the redemption date. See “Description of the Mortgage Bonds—Optional Redemption.”</p> <p>Prior to October 1, 2052 (the date that is six months prior to the maturity date of the 2053 Mortgage Bonds (the “2053 Par Call Date”)), we may redeem the 2053 Mortgage Bonds at our 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:</p> <ul style="list-style-type: none"> • (a) the sum of the present values of the remaining scheduled payments of principal and interest thereon discounted to the redemption date (assuming the 2053 Mortgage Bonds matured on the 2053 Par Call Date) on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate (as defined herein) applicable to the 2053 Mortgage Bonds plus 30 basis points less (b) interest accrued to the redemption date; and

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	<ul style="list-style-type: none"> • 100% of the principal amount of the 2053 Mortgage Bonds to be redeemed, <p>plus, in either case, accrued and unpaid interest thereon to, but excluding, the redemption date.</p> <p>On or after the 2053 Par Call Date, we may redeem the 2053 Mortgage Bonds at our 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 2053 Mortgage Bonds to be redeemed plus accrued and unpaid interest thereon to, but excluding, the redemption date. See “Description of the Mortgage Bonds—Optional Redemption.”</p>
No Sinking Fund	There will not be any sinking fund for the Mortgage Bonds.
Use of Proceeds	<p>The aggregate net proceeds from the sale of the Mortgage Bonds, after deducting the respective underwriting discounts and related offering expenses and giving effect to the underwriters’ payment to us, will be approximately \$744.2 million. We intend to use the aggregate net proceeds from the sale of the Mortgage Bonds (i) to repay at maturity \$300,000,000 aggregate principal amount of our First Mortgage Bonds, 3.80% Series due September 1, 2023 (the “2023 Bonds”), (ii) to repay a portion of our outstanding \$100 million term loan due October 2023 (the “Term Loan”), (iii) to pay down a portion of our outstanding intercompany short-term debt under our money-pool borrowing arrangement with Duke Energy Corporation and (iv) for general corporate purposes. At December 31, 2022, the Term Loan had a weighted average interest rate of approximately 4.272% per year. At February 28, 2023, we had approximately \$487 million of outstanding short-term money-pool borrowings at an annual interest rate of 4.79%.</p> <p>We expect that the sales of the 2033 Mortgage Bonds and the 2053 Mortgage Bonds will take place concurrently. The sales of the 2033 Mortgage Bonds and the 2053 Mortgage Bonds are not conditioned upon each other, and we may consummate the sale of one series and not the other, or consummate the sales at different times.</p>
Conflicts of Interest	Affiliates of certain of the underwriters are lenders under the Term Loan and certain of the underwriters or their affiliates may own our 2023 Bonds, the repayment of each of which will be funded with a portion of the aggregate net proceeds from the sale of the Mortgage Bonds. See “Underwriting (Conflicts of Interest)—Conflicts of Interest.”
Book-Entry	Each series of the Mortgage Bonds will be represented by one or more global securities registered in the name of and deposited with or on behalf of The Depository Trust Company (“DTC”) or its nominee. Beneficial interests in each series of the Mortgage Bonds will be represented through book-entry accounts of financial institutions acting on behalf of beneficial owners as direct and indirect participants in DTC. Investors may elect to hold interests in the global securities through either DTC in the United States or Clearstream Banking S.A. (“Clearstream”) or Euroclear Bank SA/NV, as operator of the Euroclear System (the “Euroclear System”) in Europe if they are participants in those systems, or indirectly through organizations

that are participants in those systems. This means
that you will not receive a certificate for your

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Mortgage Trustee

Mortgage Bonds and Mortgage Bonds will not be registered in your name except under certain limited circumstances described under the caption “Book-Entry System—Certificated Mortgage Bonds.”

The Bank of New York Mellon Trust Company, N.A.

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RISK FACTORS

You should carefully consider the risk factors in our Annual Report on Form 10-K for the year ended December 31, 2022, which has been filed with the Securities and Exchange Commission (the “SEC”) and is incorporated by reference in this prospectus supplement and the accompanying prospectus, as well as all of the other information included or incorporated by reference in this prospectus supplement and the accompanying prospectus, before making an investment decision.

CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING INFORMATION

This prospectus supplement, the accompanying prospectus and the information incorporated by reference herein and therein, include forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended and Section 21E of the Securities Exchange Act of 1934, as amended. Forward-looking statements are based on management's beliefs and assumptions and can often be identified by terms and phrases that include "anticipate," "believe," "intend," "estimate," "expect," "continue," "should," "could," "may," "plan," "project," "predict," "will," "potential," "forecast," "target," "guidance," "outlook" or other similar terminology. Various factors may cause actual results to be materially different than the suggested outcomes within forward-looking statements; accordingly, there is no assurance that such results will be realized. These factors include, but are not limited to:

- The ability to implement our business strategy, including Duke Energy Corporation's carbon emission reduction goals;
- State and federal legislative and regulatory initiatives, including costs of compliance with existing and future environmental requirements, including those related to climate change, as well as rulings that affect cost and investment recovery or have an impact on rate structures or market prices;
- The extent and timing of costs and liabilities to comply with federal and state laws, regulations, and legal requirements related to coal ash remediation, including amounts for required closure of certain ash impoundments, are uncertain and difficult to estimate;
- The ability to recover eligible costs, including amounts associated with coal ash impoundment retirement obligations, asset retirement and construction costs related to carbon emissions reductions and costs related to significant weather events, and to earn an adequate return on investment through rate case proceedings and the regulatory process;
- The impact of extraordinary external events, such as the pandemic health event resulting from COVID-19, and their collateral consequences, including the disruption of global supply chains or the economic activity in our service territory;
- Costs and effects of legal and administrative proceedings, settlements, investigations and claims;
- Industrial, commercial and residential growth or decline in our service territories or customer bases resulting from sustained downturns of the economy, reduced customer usage due to cost pressures from inflation or fuel costs, and the economic health of our service territories or variations in customer usage patterns, including energy efficiency efforts, natural gas building and appliance electrification, and use of alternative energy sources, such as self-generation and distributed generation technologies;
- Federal and state regulations, laws and other efforts designed to promote and expand the use of energy efficiency measures, natural gas electrification and distributed generation technologies, such as private solar and battery storage, in our service territories could result in a reduced number of customers, excess generation resources as well as stranded costs;
- Advancements in technology;
- Additional competition in electric and natural gas markets and continued industry consolidation;
- The influence of weather and other natural phenomena on our operations, including the economic, operational and other effects of severe storms, hurricanes, droughts, earthquakes and tornadoes, including extreme weather associated with climate change;
- Changing investor, customer and other stakeholder expectations and demands including heightened emphasis on environmental, social and governance concerns and costs related thereto;
- The ability to successfully operate electric generating facilities and deliver electricity to customers including direct or indirect effects to us resulting from an incident that affects the U.S. electric grid or generating resources;

- Operational interruptions to our natural gas distribution and transmission activities;
- The availability of adequate interstate pipeline transportation capacity and natural gas supply;

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- The impact on our facilities and business from a terrorist or other attack, war, vandalism, cybersecurity threats, data security breaches, operational events, information technology failures or other catastrophic events, such as fires, explosions, pandemic health events or other similar occurrences;
- The timing and extent of changes in commodity prices and interest rates and the ability to recover such costs through the regulatory process, where appropriate, and their impact on liquidity positions and the value of underlying assets;
- The results of financing efforts, including the ability to obtain financing on favorable terms, which can be affected by various factors, including credit ratings, interest rate fluctuations, compliance with debt covenants and conditions, our generation mix, and general market and economic conditions;
- Our credit ratings may be different from what is expected;
- Declines in the market prices of equity and fixed-income securities and resultant cash funding requirements for defined benefit pension plans and other post-retirement benefit plans;
- Construction and development risks associated with the completion of our capital investment projects, including risks related to financing, timing and receipt of necessary regulatory approvals, obtaining and complying with terms of permits, meeting construction budgets and schedules and satisfying operating and environmental performance standards, as well as the ability to recover costs from customers in a timely manner, or at all;
- Changes in rules for regional transmission organizations, including changes in rate designs and new and evolving capacity markets, and risks related to obligations created by the default of other participants;
- The ability to control operation and maintenance costs;
- The level of creditworthiness of counterparties to transactions;
- The ability to obtain adequate insurance at acceptable costs;
- Employee workforce factors, including the potential inability to attract and retain key personnel;
- The effect of accounting pronouncements issued periodically by accounting standard-setting bodies;
- The impact of United States tax legislation to our financial condition, results of operations or cash flows and our credit ratings;
- The impacts from potential impairments of goodwill; and
- Asset or business acquisitions and dispositions may not yield the anticipated benefits.

Additional risks and uncertainties are identified and discussed in our reports filed with the SEC and are available at the SEC's website. In light of these risks, uncertainties and assumptions, the events described in the forward-looking statements included or incorporated by reference in this prospectus supplement and the accompanying prospectus might not occur or might occur to a different extent or at a different time than described. Forward-looking statements speak only as of the date they are made and we expressly disclaim an obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

USE OF PROCEEDS

The aggregate net proceeds from the sale of the Mortgage Bonds, after deducting the respective underwriting discounts and related offering expenses and giving effect to the underwriters' payment to us, will be approximately \$744.2 million. We intend to use the aggregate net proceeds from the sale of the Mortgage Bonds (i) to repay at maturity \$300,000,000 aggregate principal amount of our First Mortgage Bonds, 3.80% Series due September 1, 2023 (the "2023 Bonds"), (ii) to repay a portion of our outstanding \$100 million term loan due October 2023 (the "Term Loan"), (iii) to pay down a portion of our outstanding intercompany short-term debt under our money-pool borrowing arrangement with Duke Energy Corporation and (iv) for general corporate purposes. At December 31, 2022, the Term Loan had a weighted average interest rate of approximately 4.272% per year. At February 28, 2023, we had approximately \$487 million of outstanding short-term money-pool borrowings at an annual interest rate of 4.79%.

Affiliates of certain of the underwriters are lenders under the Term Loan and certain of the underwriters or their affiliates may own our 2023 Bonds, the repayment of each of which will be funded with a portion of the aggregate net proceeds from the sale of the Mortgage Bonds. See "Underwriting (Conflicts of Interest)—Conflicts of Interest."

We expect that the sales of the 2033 Mortgage Bonds and the 2053 Mortgage Bonds will take place concurrently. The sales of the 2033 Mortgage Bonds and the 2053 Mortgage Bonds are not conditioned upon each other, and we may consummate the sale of one series and not the other, or consummate the sales at different times.

DESCRIPTION OF THE MORTGAGE BONDS

We will issue the Mortgage Bonds as two new series of First Mortgage Bonds under our First Mortgage, dated as of August 1, 1936 (the "Original Mortgage"), between us and The Bank of New York Mellon Trust Company, N.A., as trustee (which was amended and restated in its entirety by a Fortieth Supplemental Indenture, dated as of March 23, 2009), as further supplemented from time to time, including by the Forty-eighth Supplemental Indenture, to be dated as of March 22, 2023 relating to the Mortgage Bonds (the "Forty-eighth Supplemental Indenture"). The Original Mortgage, as so amended, restated and supplemented, is herein called the "Mortgage" and the First Mortgage Bonds, 5.25% Series, Due April 1, 2033 and the First Mortgage Bonds, 5.65% Series, Due April 1, 2053 are herein collectively called the "Mortgage Bonds" in this prospectus supplement. The trustee under the Mortgage is called the "Mortgage Trustee" in this prospectus supplement. The term "Securities" refers to all securities from time to time issued under the Mortgage, including the Mortgage Bonds.

The following description of the Mortgage Bonds is only a summary and is not intended to be comprehensive. Please read the following information concerning the Mortgage Bonds in conjunction with the statements under "Description of First Mortgage Bonds" in the accompanying prospectus, which the following information supplements and, in the event of any inconsistencies, supersedes. Capitalized terms not defined in this prospectus supplement are used as defined in the Mortgage or as otherwise provided in the accompanying prospectus.

General

The Mortgage Bonds will be issued as two new series of Securities under the Mortgage. The 2033 Mortgage Bonds will be issued in an aggregate principal amount of \$375,000,000 and will mature on April 1, 2033. The 2053 Mortgage Bonds will be issued in an aggregate principal amount of \$375,000,000 and will mature on April 1, 2053. If the maturity date for any series of the Mortgage Bonds falls on a day that is not a Business Day, the payment due on the maturity date will be made on the next succeeding Business Day, without any interest or other payment in respect of such delay. In this prospectus supplement, "Business Day" means any day, other than a Saturday or Sunday, that is not a day on which banking institutions or trust companies in New York, New York or Cincinnati, Ohio are generally authorized or required by law, regulation or executive order to remain closed.

The amount of Securities that we may issue under the Mortgage is unlimited, subject to the provisions stated below under "—Basis for Issuance of Additional Securities" and described in the accompanying prospectus under "Description of First Mortgage Bonds—Issuance of Additional First Mortgage Bonds."

Subject to the limits contained in the Mortgage that are described in the accompanying prospectus under "Description of First Mortgage Bonds—Issuance of Additional First Mortgage Bonds," we may from time to time, without the consent of existing holders of a series of Securities, reopen such series of Securities (including the Mortgage Bonds) and issue additional Securities of such series under the Mortgage in addition to the Securities of such series previously issued. We may issue Securities having the same ranking, interest rate, maturity and other terms as either series of Mortgage Bonds being offered hereby (except for the issue date, the price to the public and, if applicable, the first interest payment date and initial interest accrual date); provided, however, that such additional Securities must be fungible with the applicable Mortgage Bonds for U.S. federal income tax purposes, and any such additional Securities, together with such Mortgage Bonds, will be taken to constitute the same series of Securities under the Mortgage.

Form, Denomination, Transfers and Exchanges

We will issue the Mortgage Bonds only in fully registered form without coupons and there will be no service charge for any transfers or exchanges of the Mortgage Bonds. We may, however, require payment to cover any tax or other governmental charge payable in connection with any transfer or exchange. If any of the Mortgage Bonds are not global securities held by DTC or its nominee, transfers and exchanges of the Mortgage Bonds may be made at The Bank of New York Mellon Trust Company, N.A., 240 Greenwich Street, New York, New York 10286, or at any other office maintained by

us for such purpose. We may, upon prompt written notice to the Mortgage Trustee and the holders of the Mortgage Bonds, designate one or

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more additional places, or change the place or places previously designated, for registration of transfer and exchange of the Mortgage Bonds.

The Mortgage Bonds will be issuable in denominations of \$2,000 and integral multiples of \$1,000 in excess thereof. The Mortgage Bonds will be exchangeable for an equivalent principal amount of Securities of other authorized denominations of the same series.

Interest

Interest on the 2033 Mortgage Bonds will accrue at the rate of 5.25% per annum from March 22, 2023 or from the most recent interest payment date to which interest has been paid or provided for. Interest on the 2053 Mortgage Bonds will accrue at the rate of 5.65% per annum from March 22, 2023 or from the most recent interest payment date to which interest has been paid or provided for. We will make interest payments on the Mortgage Bonds semi-annually in arrears on April 1 and October 1 of each year, beginning on October 1, 2023 to the person in whose name such Mortgage Bond is registered at the close of business on the record date for the applicable interest payment date, which will be the close of business on (i) the business day immediately preceding such interest payment date so long as all of the Mortgage Bonds of a series remain in book-entry only form or (ii) the fifteenth calendar day preceding the respective interest payment date (whether or not a Business Day) if any of the Mortgage Bonds of a series do not remain in book-entry only form; provided, however, that so long as the Mortgage Bonds are registered in the name of DTC or its nominee or a successor depositary or a nominee thereof, the record date for interest payable on any interest payment date for the Mortgage Bonds so registered shall be the close of business on the Business Day immediately preceding such interest payment date. In the event that any interest payment date for the Mortgage Bonds should fall on a day that is not a Business Day, then the interest payment shall be made on the next succeeding Business Day, and no interest on such payment shall accrue for the period from and after such interest payment date. Interest on the Mortgage Bonds will be computed on the basis of a 360-day year consisting of twelve 30-day months.

Payments and Paying Agents

Payments of principal of, and any premium and interest on, the Mortgage Bonds will be made at our office or agency in Cincinnati, Ohio, or, at the option of the registered owner of Mortgage Bonds, at the office or agency of Duke Energy Ohio in the Borough of Manhattan, The City of New York, except that interest on the Mortgage Bonds may be paid, at our option, by check mailed to the address of the person entitled to the interest payment. We may change the place of payment on the Mortgage Bonds, appoint one or more additional paying agents (including us) and remove any paying agent, all at our discretion.

For information relating to payments on book-entry Mortgage Bonds, please see the information provided under the caption "Book-Entry System—Book-Entry Format" in this prospectus supplement.

Optional Redemption

2033 Mortgage Bonds

Prior to January 1, 2033 (the date that is three months prior to the maturity date of the 2033 Mortgage Bonds (the "2033 Par Call Date")), we may redeem the 2033 Mortgage Bonds at our 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 2033 Mortgage Bonds matured on the 2033 Par Call Date) on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate applicable to the 2033 Mortgage Bonds plus 30 basis points less (b) interest accrued to the redemption date; and
- 100% of the principal amount of the 2033 Mortgage Bonds to be redeemed,

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

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On or after the 2033 Par Call Date, we may redeem the 2033 Mortgage Bonds at our 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 2033 Mortgage Bonds to be redeemed plus accrued and unpaid interest thereon to, but excluding, the redemption date.

2053 Mortgage Bonds

Prior to October 1, 2052 (the date that is six months prior to the maturity date of the 2053 Mortgage Bonds (the "2053 Par Call Date")), we may redeem the 2053 Mortgage Bonds at our 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 2053 Mortgage Bonds matured on the 2053 Par Call Date) on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate applicable to the 2053 Mortgage Bonds plus 30 basis points less (b) interest accrued to the redemption date; and
- 100% of the principal amount of the 2053 Mortgage Bonds to be redeemed,

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

On or after the 2053 Par Call Date, we may redeem the 2053 Mortgage Bonds at our 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 2053 Mortgage Bonds 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 2033 Par Call Date or the 2053 Par Call Date, as applicable (the "Remaining Life"); or
- if there is no such Treasury constant maturity on H.15 exactly equal to the applicable 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 such Remaining Life—and shall interpolate to the 2033 Par Call Date or the 2053 Par Call Date, as applicable, 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 applicable Remaining Life, the yield for the single Treasury constant maturity on H.15 closest to such 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 2033 Par Call Date or

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the 2053 Par Call Date, as applicable. If there is no United States Treasury security maturing on the 2033 Par Call Date or the 2053 Par Call Date, as applicable, but there are two or more United States Treasury securities with a maturity date equally distant from such Par Call Date, one with a maturity date preceding such Par Call Date and one with a maturity date following such Par Call Date, we shall select the United States Treasury security with a maturity date preceding such Par Call Date. If there are two or more United States Treasury securities maturing on the 2033 Par Call Date or the 2053 Par Call Date, as applicable, 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.

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

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

Redemption Procedures

We will provide not less than 10 nor more than 60 days' notice mailed or transmitted by or at our request to each registered holder of the Mortgage Bonds to be redeemed, which, as long as the Mortgage Bonds are held in the book-entry only system referred to below, will be DTC, its nominee or a successor depository or a nominee thereof. If less than all of the Mortgage Bonds are to be redeemed, the Mortgage Bonds, if they are in global form, will be redeemed in accordance with the procedures of DTC, and if they are in the form of definitive certificates, the Mortgage Trustee will select the Mortgage Bonds to be redeemed by lot. In the event that any redemption date is not a Business Day, we will pay the redemption price on the next Business Day without any interest or other payment due to the delay.

Unless we default in the payment of the redemption price and accrued interest, if any, in the case of an unconditional notice of redemption, the Mortgage Bonds will cease to bear interest on the redemption date. We will pay the redemption price upon surrender of any Mortgage Bond for redemption. If only part of a Mortgage Bond is redeemed, the Mortgage Trustee will deliver to the holder of the Mortgage Bond a new Mortgage Bond for the remaining portion without charge.

We may make any redemption at our option conditional upon the receipt by the paying agent, on or prior to the date fixed for redemption, of money sufficient to pay the redemption price and accrued interest, if any. If the paying agent has not received the money by the date fixed for redemption, we will not be required to redeem the Mortgage Bonds.

Basis for Issuance of Additional Securities

The Mortgage Bonds will be issued on the basis of Property Additions (as defined in the Mortgage and in the accompanying prospectus under "Description of First Mortgage Bonds—Issuance of Additional First Mortgage Bonds"). As of December 31, 2022, we could issue under the terms of the Mortgage, (i) on the basis of Property Additions, up to approximately \$1,037 million of additional Securities (approximately \$287 million after giving effect to the Mortgage Bonds offered hereby) and (ii) on the basis of Retired Securities (as defined in the Mortgage and in the accompanying prospectus under "Description of First Mortgage Bonds—Issuance of Additional First Mortgage Bonds"), up to approximately \$100 million of additional Securities. However, the actual amount of additional Securities, if any, that we may issue under the Mortgage will vary from time to time due to numerous factors.

Sinking Fund

The Mortgage Bonds will not be entitled to the benefit of any sinking fund.

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CERTAIN U.S. FEDERAL INCOME TAX CONSIDERATIONS FOR NON-U.S. HOLDERS

The following discussion summarizes certain U.S. federal income tax considerations relevant to the acquisition, ownership and disposition of the Mortgage Bonds, and does not purport to be a complete analysis of all potential U.S. federal income tax considerations. This discussion only applies to Mortgage Bonds that are held as capital assets, within the meaning of section 1221 of the Internal Revenue Code of 1986, as amended (the "Code"), and that are purchased in the initial offering at the initial offering price by Non-U.S. Holders (as defined below).

This summary is based on the Code, administrative pronouncements, judicial decisions and regulations of the Treasury Department, changes to any of which subsequent to the date of this prospectus supplement may affect the tax consequences described herein. This discussion does not describe all of the U.S. federal income tax considerations that may be relevant to Non-U.S. Holders in light of their particular circumstances or to Non-U.S. Holders subject to special rules, such as certain financial institutions, tax-exempt organizations, insurance companies, traders or dealers in securities or commodities, persons holding Mortgage Bonds as part of a hedge or other integrated transaction, accrual method taxpayers subject to special tax accounting rules as a result of their use of certain financial statements under Section 451(b) of the Code, or certain former citizens or residents of the United States. This discussion does not address any U.S. federal income tax consequences for U.S. taxpayers who purchase Mortgage Bonds. Persons considering the purchase of Mortgage Bonds are urged to consult their tax advisors with regard to the application of the U.S. federal income tax laws to their particular situations as well as any tax consequences arising under the laws of any state, local or foreign taxing jurisdiction. Furthermore, this discussion does not describe the effect of U.S. federal estate and gift tax laws or the effect of any applicable foreign, state or local laws.

We have not and will not seek any rulings or opinions from the Internal Revenue Service (the "IRS") with respect to the matters discussed below. There can be no assurance that the IRS will not take a different position concerning the tax consequences of the acquisition, ownership or disposition of the Mortgage Bonds or that any such position would not be sustained.

Prospective investors should consult their own tax advisors with regard to the application of the U.S. federal income tax considerations discussed below to their particular situations as well as the application of any state, local, foreign or other tax laws, including gift and estate tax laws.

For purposes of this summary, a "Non-U.S. Holder" means a beneficial owner of a Mortgage Bond that, for U.S. federal income tax purposes, is neither a partnership (including an entity or arrangement treated as a partnership for U.S. federal income tax purposes) nor (i) an individual that is a citizen or resident of the United States; (ii) a corporation or other entity treated as a corporation for U.S. federal income tax purposes that is created or organized under the laws of the United States, any state thereof or the District of Columbia; (iii) an estate the income of which is subject to U.S. federal income taxation regardless of its source; or (iv) a trust if (A) a court within the United States is able to exercise primary supervision over its administration and one or more United States persons (as defined in the Code) have the authority to control all substantial decisions of such trust, or (B) the trust has made an election under the applicable Treasury regulations to be treated as a United States person.

If a partnership, or other entity or arrangement treated as a partnership for U.S. federal income tax purposes, holds Mortgage Bonds, the tax treatment of a partner in such a partnership will generally depend upon the status of the partner and the activities of the partnership. Partners in a partnership holding Mortgage Bonds should consult their tax advisor as to the particular U.S. federal income tax considerations relevant to the acquisition, ownership and disposition of the Mortgage Bonds applicable to them.

Interest

It is anticipated, and this discussion assumes, that the Mortgage Bonds will not be issued with more than a de minimis amount of original issue discount. Except if interest on the Mortgage Bonds is effectively connected with the conduct by a Non-U.S. Holder of a trade or business within the United States, and subject to the discussions below under "Foreign Account Tax Compliance Act" and "Information Reporting and Backup Withholding," a Non-U.S. Holder generally will not be subject to

**U.S. federal income or withholding tax on payments of interest on the Mortgage Bonds
provided that such Non-U.S. Holder**

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(A) does not directly or indirectly, actually or constructively, own 10% or more of the total combined voting power of all classes of our equity entitled to vote, (B) is not a controlled foreign corporation that is related to us directly or constructively through stock ownership, (C) is not a bank receiving such interest on an extension of credit made pursuant to a loan agreement entered into in the ordinary course of its trade or business, and (D) satisfies certain certification requirements. Such certification requirements will be met if (x) the Non-U.S. Holder provides its name and address, and certifies on an IRS Form W-8BEN or IRS Form W-8BEN-E (or a substantially similar form), under penalties of perjury, that it is not a United States person or (y) a securities clearing organization or certain other financial institutions holding the Mortgage Bonds on behalf of the Non-U.S. Holder certifies on IRS Form W-8IMY, under penalties of perjury, that such certification has been received by it and furnishes us or our paying agent with a copy thereof. In addition, we or our paying agent must not have actual knowledge or reason to know that the beneficial owner of the Mortgage Bonds is a United States person.

If interest on the Mortgage Bonds is not effectively connected with the conduct by the Non-U.S. Holder of a trade or business within the United States, but such Non-U.S. Holder does not satisfy the other requirements outlined in the preceding paragraph, interest on the Mortgage Bonds generally will be subject to U.S. withholding tax at a 30% rate (or a lower applicable treaty rate).

If interest on the Mortgage Bonds is effectively connected with the conduct by a Non-U.S. Holder of a trade or business within the United States, and, if certain tax treaties apply, is attributable to a permanent establishment or fixed base within the United States, the Non-U.S. Holder generally will be subject to U.S. federal income tax on a net income basis at the rate applicable to United States persons generally (and, with respect to corporate holders, may also be subject to a 30% branch profits tax or a lower applicable treaty branch profits tax rate). If interest on the Mortgage Bonds is effectively connected with the conduct by a Non-U.S. Holder of a trade or business within the United States, such interest payments will not be subject to U.S. withholding tax so long as the Non-U.S. Holder provides us or our paying agent with the appropriate documentation (generally an IRS Form W-8ECI).

Sale, Redemption or Other Taxable Disposition of the Mortgage Bonds

Subject to the discussion below under "Information Reporting and Backup Withholding," a Non-U.S. Holder generally will not be subject to U.S. federal withholding tax with respect to gain, if any, recognized on the sale, redemption, or other taxable disposition of the Mortgage Bonds. A Non-U.S. Holder will also generally not be subject to U.S. federal income tax with respect to such gain, unless (i) the gain is effectively connected with the conduct by such Non-U.S. Holder of a trade or business within the United States, and, if certain tax treaties apply, is attributable to a permanent establishment or fixed base within the United States, or (ii) in the case of a Non-U.S. Holder that is a nonresident alien individual, such Non-U.S. Holder is present in the United States for 183 or more days in the taxable year of the disposition and certain other conditions are satisfied. In the case described in (i) above, gain or loss recognized on the disposition of such Mortgage Bonds generally will be subject to U.S. federal income taxation in the same manner as if such gain or loss were recognized by a United States person, and, in the case of a Non-U.S. Holder that is a foreign corporation, may also be subject to the branch profits tax at a rate of 30% (or a lower applicable treaty branch profits tax rate). In the case described in (ii) above, the Non-U.S. Holder will be subject to a 30% tax (or a lower applicable treaty rate) on any capital gain recognized on the disposition of the Mortgage Bonds (after being offset by certain U.S. source capital losses).

Information Reporting and Backup Withholding

Information returns will be filed annually with the IRS in connection with payments we make on the Mortgage Bonds. Copies of these information returns may also be made available under the provisions of a specific tax treaty or other agreement to the tax authorities of the country in which the Non-U.S. Holder resides. Unless the Non-U.S. Holder complies with certification procedures to establish that it is not a United States person, information returns may be filed with the IRS in connection with the proceeds from a sale, redemption, or other disposition of the Mortgage Bonds, and the Non-U.S. Holder may be subject to backup withholding (currently at a rate of 24%) on payments on the Mortgage Bonds or on the proceeds from a sale, redemption, or other disposition of the Mortgage Bonds. The certification procedures required to claim the

exemption from withholding on interest described above will satisfy the certification requirements

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necessary to avoid the backup withholding as well. The amount of any backup withholding from a payment to a Non-U.S. Holder generally will be allowed as a credit against the Non-U.S. Holder's U.S. federal income tax liability and may entitle the Non-U.S. Holder to a refund, provided that the required information is furnished to the IRS in a timely manner.

Foreign Account Tax Compliance Act

Under the Foreign Account Tax Compliance Act and related IRS guidance concerning foreign account tax compliance rules ("FATCA"), a 30% U.S. withholding tax is imposed on certain payments (which includes interest payments on the Mortgage Bonds) made to a non-United States entity that fails to take required steps to provide information regarding its "United States accounts" or its direct or indirect "substantial United States owners," as applicable, or to make a required certification that it has no such accounts or owners. We will not be obligated to make any "gross up" or additional payments in respect of amounts withheld on the Mortgage Bonds if we determine that we must so withhold in order to comply with FATCA in respect of the amounts described above. Prospective investors should consult their own tax advisors regarding FATCA and whether it may be relevant to the ownership and disposition of the Mortgage Bonds.

BOOK-ENTRY SYSTEM

We have obtained the information in this section concerning DTC and its book-entry system and procedures from sources that we believe to be reliable, but we take no responsibility for the accuracy of this information.

Either series of the Mortgage Bonds initially will be represented by one or more fully registered global securities. Each global security will be deposited with, or on behalf of, DTC or any successor thereto and registered in the name of Cede & Co., DTC's nominee.

Investors may elect to hold interests in a global security through either DTC in the United States or Clearstream or the Euroclear System in Europe if they are participants of such systems, or indirectly through organizations which are participants in such systems. Clearstream and the Euroclear System will hold interests on behalf of their participants through customers' securities accounts in Clearstream's and the Euroclear System's names on the books of their respective depositaries, which in turn will hold such interests in customers' securities accounts in the depositaries' names on the books of DTC. Citibank, N.A. will act as depositary for Clearstream and JPMorgan Chase Bank, N.A. will act as depositary for the Euroclear System (in such capacities, the "U.S. Depositaries").

You may hold your interests in a global security in the United States through DTC, either as a participant in such system or indirectly through organizations which are participants in such system. So long as DTC or its nominee is the registered owner of the global securities representing the Mortgage Bonds, DTC or such nominee will be considered the sole owner and holder of the Mortgage Bonds for all purposes of the Mortgage Bonds and the Mortgage. Except as provided below, owners of beneficial interests in the Mortgage Bonds will not be entitled to have the Mortgage Bonds registered in their names, will not receive or be entitled to receive physical delivery of the Mortgage Bonds in definitive form and will not be considered the owners or holders of the Mortgage Bonds under the Mortgage, including for purposes of receiving any reports that we or the Mortgage Trustee deliver pursuant to the Mortgage. Accordingly, each person owning a beneficial interest in a Mortgage Bond must rely on the procedures of DTC or its nominee and, if such person is not a participant, on the procedures of the participant through which such person owns its interest, in order to exercise any rights of a holder of Mortgage Bonds.

Unless and until we issue the Mortgage Bonds in fully certificated form under the limited circumstances described below under the heading "—Certificated Mortgage Bonds":

- you will not be entitled to receive physical delivery of a certificate representing your interest in the Mortgage Bonds;
- all references in this prospectus supplement or in the accompanying prospectus to actions by holders will refer to actions taken by DTC upon instructions from its direct participants; and
- all references in this prospectus supplement or the accompanying prospectus to payments and notices to holders will refer to payments and notices to DTC or Cede & Co., as the registered holder of the Mortgage Bonds, for distribution to you in accordance with DTC procedures.

The Depository Trust Company

DTC will act as securities depository for the Mortgage Bonds. The Mortgage Bonds will be issued as fully registered securities registered in the name of Cede & Co. DTC 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 securities that its 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

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electronic computerized book-entry transfers and pledges between direct participants' accounts, thereby eliminating the need for physical movement of securities certificates.

Direct participants include 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 indirect participants such as 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. The rules applicable to DTC and its participants are on file with the SEC. More information about DTC can be found at www.dtcc.com. The contents of such website do not constitute part of this prospectus supplement.

If you are not a direct participant or an indirect participant and you wish to purchase, sell or otherwise transfer ownership of, or other interests in the Mortgage Bonds, you must do so through a direct participant or an indirect participant. DTC agrees with and represents to DTC participants that it will administer its book-entry system in accordance with its rules and by-laws and requirements of law. The SEC has on file a set of the rules applicable to DTC and its direct participants.

Purchases of the Mortgage Bonds under DTC's system must be made by or through direct participants, which will receive a credit for the Mortgage Bonds on DTC's records. The ownership interest of each beneficial owner is in turn to be recorded on the records of direct participants and indirect participants. Beneficial owners will not receive written confirmation from DTC of their purchase, but beneficial owners are expected to receive written confirmations providing details of the transaction, as well as periodic statements of their holdings, from the direct or indirect participants through which such beneficial owners entered into the transaction. Transfers of ownership interests in the Mortgage Bonds 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 physical delivery of certificates representing their ownership interests in the Mortgage Bonds, except as provided below in "—Certificated Mortgage Bonds."

To facilitate subsequent transfers, all Mortgage Bonds 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 Mortgage Bonds with DTC and their registration in the name of Cede & Co. or such other DTC nominee has no effect on beneficial ownership. DTC has no knowledge of the actual beneficial owners of the Mortgage Bonds. DTC's records reflect only the identity of the direct participants to whose accounts such Mortgage Bonds 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 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.

Book-Entry Format

Under the book-entry format, the Mortgage Trustee will pay interest and principal payments to Cede & Co., as nominee of DTC. DTC will forward the payment to the direct participants, who will then forward the payment to the indirect participants or to the beneficial owners. You may experience some delay in receiving your payments under this system.

DTC is required to make book-entry transfers on behalf of its direct participants and is required to receive and transmit payments of principal, premium, if any, and interest on the Mortgage Bonds. Any direct participant or indirect participant with which you have an account is similarly required to make book-entry transfers and to receive and transmit payments with respect to Mortgage Bonds on your behalf. We and the Mortgage Trustee have no responsibility or liability for any aspect of the records relating to or payments made on account of beneficial ownership interests in the

Mortgage Bonds or for maintaining, supervising or reviewing any records relating to such beneficial ownership interests.

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The Mortgage Trustee will not recognize you as a holder of any Mortgage Bonds under the Mortgage and you can only exercise the rights of a holder indirectly through DTC and its direct participants. DTC has advised us that it will only take action regarding a Mortgage Bond if one or more of the direct participants to whom the Mortgage Bond is credited direct DTC to take such action. DTC can only act on behalf of its direct participants. Your ability to pledge Mortgage Bonds to indirect participants, and to take other actions, may be limited because you will not possess a physical certificate that represents your Mortgage Bonds.

Certificated Mortgage Bonds

Unless and until they are exchanged, in whole or in part, for Mortgage Bonds in definitive form in accordance with the terms of the Mortgage Bonds, the Mortgage Bonds may not be transferred except as a whole by DTC to a nominee of DTC; as a whole by a nominee of DTC to DTC or another nominee of DTC; or as a whole by DTC or a nominee of DTC to a successor of DTC or a nominee of such successor.

We will issue Mortgage Bonds to you or your nominees, in fully certificated registered form, rather than to DTC or its nominees, only if:

- DTC notifies us that it is unwilling or unable to continue as securities depository or DTC is no longer a registered clearing agency under the Securities Exchange Act of 1934, as amended, and we are unable to appoint a qualified successor within 90 days;
- an event of default has occurred and is continuing with respect to the Mortgage Bonds; or
- we, at our option, and subject to DTC's procedures, elect to effect an exchange of global securities for Mortgage Bonds issued to you or your nominees.

If any of the above events occurs, DTC is required to notify all direct participants that Mortgage Bonds in fully certificated registered form are available through DTC. DTC will then surrender each global security representing the Mortgage Bonds along with instructions for re-registration. The Mortgage Trustee will re-issue the Mortgage Bonds in fully certificated registered form and will recognize the registered holders of the certificated Mortgage Bonds as holders under the Mortgage.

Global Clearance and Settlement Procedures

Initial settlement for the Mortgage Bonds will be made in immediately available funds. Secondary market trading between DTC participants will occur in the ordinary way in accordance with DTC rules and will be settled in immediately available funds using DTC's Same-Day Funds Settlement System. Secondary market trading between Clearstream participants and/or Euroclear System participants will occur in the ordinary way in accordance with the applicable rules and operating procedures of Clearstream and the Euroclear System, as applicable.

Cross-market transfers between persons holding directly or indirectly through DTC on the one hand, and directly or indirectly through Clearstream participants or Euroclear System participants on the other, will be effected through DTC in accordance with DTC rules on behalf of the relevant European international clearing system by its U.S. Depositary; however, such cross-market transactions will require delivery of instructions to the relevant European international clearing system by the counterparty in such system in accordance with its rules and procedures and within its established deadlines (European time). The relevant European international clearing system will, if the transaction meets its settlement requirements, deliver instructions to its U.S. Depositary to take action to effect final settlement on its behalf by delivering or receiving securities in DTC, and making or receiving payment in accordance with normal procedures for same-day funds settlement applicable to DTC. Clearstream participants and Euroclear System participants may not deliver instructions directly to their respective U.S. Depositories.

Because of time-zone differences, credits of Mortgage Bonds received in Clearstream or the Euroclear System as a result of a transaction with a DTC participant will be made during subsequent securities settlement processing and dated the business day following the DTC settlement date. Such credits or any transactions in such Mortgage Bonds settled during such processing will be reported to the relevant Euroclear System participant or Clearstream Participant on such business day. Cash

received in Clearstream or the Euroclear System as a result of sales of the Mortgage Bonds by or through a Clearstream participant or a

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Euroclear System participant to a DTC participant will be received with value on the DTC settlement date but will be available in the relevant Clearstream or the Euroclear System cash account only as of the business day following settlement in DTC.

Although DTC, Clearstream and the Euroclear System have agreed to the foregoing procedures in order to facilitate transfers of Mortgage Bonds among participants of DTC, Clearstream and the Euroclear System, they are under no obligation to perform or continue to perform such procedures and such procedures may be discontinued or changed at any time.

UNDERWRITING (CONFLICTS OF INTEREST)

We have entered into an underwriting agreement with respect to the Mortgage Bonds with the underwriters listed below, for whom BNP Paribas Securities Corp., Citigroup Global Markets Inc., PNC Capital Markets LLC, Santander US Capital Markets LLC and TD Securities (USA) LLC are acting as representatives. Subject to certain conditions, each of the underwriters has severally agreed to purchase the principal amount of Mortgage Bonds indicated in the following table:

<u>Name</u>	<u>Principal Amount of 2033 Mortgage Bonds</u>	<u>Principal Amount of 2053 Mortgage Bonds</u>
BNP Paribas Securities Corp.	\$ 48,750,000	\$ 48,750,000
Citigroup Global Markets Inc.	48,750,000	48,750,000
PNC Capital Markets LLC	48,750,000	48,750,000
Santander US Capital Markets LLC	48,750,000	48,750,000
TD Securities (USA) LLC	48,750,000	48,750,000
Truist Securities, Inc.	37,500,000	37,500,000
U.S. Bancorp Investments, Inc.	37,500,000	37,500,000
Loop Capital Markets LLC	26,250,000	26,250,000
Siebert Williams Shank & Co., LLC	22,500,000	22,500,000
Cabrera Capital Markets LLC	1,875,000	1,875,000
CAVU Securities, LLC	1,875,000	1,875,000
Penserra Securities LLC	1,875,000	1,875,000
R. Seelaus & Co., LLC	1,875,000	1,875,000
Total	<u>\$ 375,000,000</u>	<u>\$ 375,000,000</u>

The underwriting agreement provides that the obligations of the several underwriters to pay for and accept delivery of the Mortgage Bonds are subject to certain conditions, including the receipt of legal opinions relating to certain matters. The underwriters must purchase all of the 2033 Mortgage Bonds if they purchase any of the 2033 Mortgage Bonds and the underwriters must purchase all of the 2053 Mortgage Bonds if they purchase any of the 2053 Mortgage Bonds. However, the sales of the 2033 Mortgage Bonds and the 2053 Mortgage Bonds are not conditioned upon each other, and we may consummate the sale of one series and not the other, or consummate the sales at different times. If an underwriter defaults, the underwriting agreement provides that the purchase commitments of the nondefaulting underwriters may be increased or the underwriting agreement may be terminated.

We have agreed to indemnify the several underwriters against certain liabilities, including liabilities under the Securities Act of 1933, as amended, or to contribute to payments the underwriters may be required to make in respect of any of these liabilities.

The underwriters are offering the Mortgage Bonds subject to prior sale, when, as and if issued to and accepted by them, subject to approval of legal matters by their counsel, including the validity of the Mortgage Bonds, and other conditions contained in the underwriting agreement, such as the receipt by the underwriters of officers' certificates and legal opinions. The underwriters reserve the right to withdraw, cancel or modify offers to the public and to reject orders in whole or in part.

Commissions and Discounts

The Mortgage Bonds of each series sold by the underwriters to the public will initially be offered at the applicable price to the public set forth on the cover of this prospectus supplement and may be offered to certain dealers at such price less a concession not in excess of (i) 0.400% of the principal amount of the 2033 Mortgage Bonds or (ii) 0.525% of the principal amount of the 2053 Mortgage Bonds. The underwriters may allow, and those dealers may reallow, a discount not in excess of (i) 0.250% of the principal amount of the 2033 Mortgage Bonds or (ii) 0.350% of the principal amount of the 2053 Mortgage Bonds to certain other

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dealers. If all the Mortgage Bonds are not sold at the applicable price to the public, the underwriters may change such price to the public and the other selling terms.

The expenses of the offerings, not including the respective underwriting discounts, are estimated to be approximately \$635,000. The underwriters have agreed to make a payment to us in an amount equal to \$1,218,750, including in respect of expenses incurred by us in connection with the offerings.

New Issues of Mortgage Bonds

Each series of the Mortgage Bonds is a new issue of securities with no established trading market. The Mortgage Bonds will not be listed on any securities exchange or included in any automated quotation system. We have been advised by the underwriters that the underwriters intend to make a market in each series of the Mortgage Bonds, but they are not obligated to do so and may discontinue market-making at any time without notice. No assurance can be given as to the liquidity of any trading markets for the Mortgage Bonds.

Price Stabilization and Short Positions

In connection with the offerings, the underwriters may engage in transactions that stabilize, maintain, or otherwise affect the prices of the Mortgage Bonds. These transactions may include short sales, stabilizing transactions and purchases to cover positions created by short sales. Short sales involve the sale by the underwriters of a greater aggregate principal amount of each series of the Mortgage Bonds than they are required to purchase in the offerings. Stabilizing transactions consist of certain bids or purchases made for the purpose of preventing or retarding a decline in the market price of each series of the Mortgage Bonds while the offerings are in process.

These activities by the underwriters may stabilize, maintain or otherwise affect the market prices of the Mortgage Bonds. As a result, the price of each series of the Mortgage Bonds may be higher than the price that otherwise might exist in the open market. If these activities are commenced, they may be discontinued by the underwriters at any time. These transactions may be effected in the over-the-counter market or otherwise.

Other Relationships

The underwriters and their respective affiliates are full service financial institutions engaged in various activities, which may include, among other activities, securities trading and underwriting, commercial and investment banking, financial advisory, corporate trust, investment management, investment research, principal investment, hedging, financing and brokerage activities. In the ordinary course of their respective businesses, some of the underwriters and/or their affiliates have in the past and may in the future provide us and our subsidiaries and affiliates with commercial banking, investment banking, financial advisory and other services for which they have received and in the future will receive customary fees.

In addition, in the ordinary course of their business activities, the underwriters and their respective affiliates may make or hold a broad array of investments and actively trade debt and equity securities (or related derivative securities) and financial instruments (including bank loans) for their own account and for the accounts of their customers. Such investments and securities activities may involve securities and/or instruments of ours or our subsidiaries and affiliates.

Certain of the underwriters or their affiliates have a lending relationship with us and our affiliates. Certain of those underwriters or their affiliates routinely hedge, and certain other of those underwriters or their affiliates may hedge, their credit exposure to us and our affiliates consistent with their customary risk management policies. Typically, such underwriters and their affiliates would hedge such exposure by entering into transactions which consist of either the purchase of credit default swaps or the creation of short positions in our securities, including potentially the Mortgage Bonds offered hereby. Any such credit default swaps or short positions could adversely affect future trading prices of the Mortgage Bonds offered hereby.

The underwriters and their respective affiliates may also make investment recommendations and/or publish or express independent research views in respect of such securities or financial instruments and may hold, or recommend to clients that they acquire, long and/or short positions in such securities and instruments.

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Conflicts of Interest

A portion of the aggregate net proceeds from the sale of the Mortgage Bonds will be used to repay a portion of the Term Loan and our 2023 Bonds. Affiliates of certain of the underwriters participating in this offering are lenders under the Term Loan. To the extent that a portion of the aggregate net proceeds from the offerings is applied to repay a portion of the Term Loan, such underwriters will receive proceeds of the offerings through the repayment of that indebtedness. If 5% or more of the aggregate net proceeds of the offerings (not including the underwriting discount) is used to repay our outstanding indebtedness held by at least one of the underwriters or their affiliates, the offerings will be conducted in accordance with Rule 5121 of the Financial Industry Regulatory Authority, Inc. In such event, such underwriter will not confirm sales of the Notes to accounts over which it exercises discretionary authority without the prior written approval of the customer.

In addition, to the extent any of the underwriters or their affiliates own our 2023 Bonds, such party would receive a portion of the aggregate net proceeds from the sale of the Mortgage Bonds. Accordingly, any such underwriter may have a conflict of interest, in that it has an interest in the offerings beyond the underwriting discount it receives in connection with the offerings.

Selling Restrictions

European Economic Area

Prohibition of Sales to EEA Retail Investors

The Mortgage Bonds may not be offered, sold or otherwise made available to any retail investor in the EEA. For the purposes of this provision:

- (a) the expression “retail investor” means a person who is one (or more) of the following:
 - (i) a retail client as defined in point (11) of Article 4(1) of MiFID II; or
 - (ii) a customer within the meaning of the Insurance Distribution Directive, where that customer would not qualify as a professional client as defined in point (10) of Article 4(1) of MiFID II; or
 - (iii) not a qualified investor as defined in the Prospectus Regulation; and
- (b) the expression “offer” includes the communication in any form and by any means of sufficient information on the terms of the offer and the Mortgage Bonds to be offered so as to enable an investor to decide to purchase or subscribe for the Mortgage Bonds.

United Kingdom

Prohibition of Sales to United Kingdom Retail Investors

The Mortgage Bonds may not be offered, sold or otherwise made available to any retail investor in the United Kingdom. For the purposes of this provision:

- (a) the expression “retail investor” means a person who is one (or more) of the following:
 - (i) a retail client, as defined in point (8) of Article 2 of Regulation (EU) No 2017/565 as it forms part of domestic law in the United Kingdom by virtue of the EUWA; or
 - (ii) a customer within the meaning of the provisions of the FSMA and any rules or regulations made under the FSMA to implement the Insurance Distribution Directive, where that customer would not qualify as a professional client, as defined in point (8) of Article 2(1) of Regulation (EU) No 600/2014 as it forms part of domestic law in the United Kingdom by virtue of the EUWA; or
 - (iii) not a qualified investor as defined in Article 2 of the UK Prospectus Regulation; and

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- (b) the expression “offer” includes the communication in any form and by any means of sufficient information on the terms of the offer and the Mortgage Bonds to be offered so as to enable an investor to decide to purchase or subscribe for the Mortgage Bonds.

Other Regulatory Restrictions in the United Kingdom

Any invitation or inducement to engage in investment activity (within the meaning of Section 21 of the FSMA) in connection with the issue or sale of the Mortgage Bonds may only be communicated or caused to be communicated in circumstances in which Section 21(1) of the FSMA does not apply to Duke Energy Ohio.

All applicable provisions of the FSMA must be complied with in respect to anything done by any person in relation to the Mortgage Bonds in, from or otherwise involving the United Kingdom.

Notice to Prospective Investors in Canada

The Mortgage Bonds may be sold only to purchasers purchasing, or deemed to be purchasing, as principal that are accredited investors, as defined in National Instrument 45-106 Prospectus Exemptions or subsection 73.3(1) of the Securities Act (Ontario), and are permitted clients, as defined in National Instrument 31-103 Registration Requirements, Exemptions and Ongoing Registrant Obligations. Any resale of the Mortgage Bonds must be made in accordance with an exemption from, or in a transaction not subject to, the prospectus requirements of applicable securities laws.

Securities legislation in certain provinces or territories of Canada may provide a purchaser with remedies for rescission or damages if this prospectus supplement and the accompanying prospectus (including any amendment thereto) contains a misrepresentation, provided that the remedies for rescission or damages are exercised by the purchaser within the time limit prescribed by the securities legislation of the purchaser's province or territory. The purchaser should refer to any applicable provisions of the securities legislation of the purchaser's province or territory for particulars of these rights or consult with a legal advisor.

Pursuant to section 3A.3 of National Instrument 33-105 Underwriting Conflicts (NI 33-105), the underwriters are not required to comply with the disclosure requirements of NI 33-105 regarding underwriter conflicts of interest in connection with the offerings.

Notice to Prospective Investors in Switzerland

This prospectus supplement and the accompanying prospectus are not intended to constitute an offer or solicitation to purchase or invest in the Mortgage Bonds. The Mortgage Bonds may not be publicly offered, directly or indirectly, in Switzerland within the meaning of the Swiss Financial Services Act (“FinSA”) and no application has or will be made to admit the Mortgage Bonds to trading on any trading venue (exchange or multilateral trading facility) in Switzerland. Neither this prospectus supplement, the accompanying prospectus nor any other offering or marketing material relating to the Mortgage Bonds constitutes a prospectus pursuant to the FinSA, and neither this prospectus supplement, the accompanying prospectus nor any other offering or marketing material relating to the Mortgage Bonds may be publicly distributed or otherwise made publicly available in Switzerland.

Notice to Prospective Investors in Hong Kong

The Mortgage Bonds have not been offered and will not be offered or sold in Hong Kong by means of any document other than (i) in circumstances which do not constitute an offer to the public within the meaning of the Companies (Winding Up and Miscellaneous Provisions) Ordinance (Cap. 32, Laws of Hong Kong), (ii) to “professional investors” within the meaning of the Securities and Futures Ordinance (Cap. 571, Laws of Hong Kong) and any rules made thereunder or (iii) in other circumstances which do not result in the document being a “prospectus” within the meaning of the Companies (Winding Up and Miscellaneous Provisions) Ordinance (Cap. 32, Laws of Hong Kong) and no advertisement, invitation or document relating to the Mortgage Bonds may be issued or has been or may be in the possession of any person for the purpose of issue (in each case whether in Hong Kong or elsewhere), which is directed at, or the

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contents of which are likely to be accessed or read by, the public in Hong Kong (except if permitted to do so under the securities laws of Hong Kong) other than with respect to Mortgage Bonds which are or are intended to be disposed of only to persons outside Hong Kong or only to “professional investors” within the meaning of the Securities and Futures Ordinance (Cap. 571, Laws of Hong Kong) and any rules made thereunder.

Notice to Prospective Investors in Japan

The Mortgage Bonds have not been and will not be registered under the Financial Instruments and Exchange Law of Japan (Law No. 25 of 1948, as amended) (the “Financial Instruments and Exchange Law”), and the Mortgage Bonds have not been offered or sold and will not be offered or sold, directly or indirectly, in Japan or to, or for the benefit of, any resident of Japan (which term as used herein means any person resident in Japan, including any corporation or other entity organized under the laws of Japan), or to others for re-offering or resale, directly or indirectly, in Japan or to a resident of Japan, except pursuant to an exemption from the registration requirements of, and otherwise in compliance with, the Financial Instruments and Exchange Law and any other applicable laws, regulations and guidelines promulgated by the relevant Japanese governmental and regulatory authorities and in effect at the relevant time.

Notice to Prospective Investors in the Republic of Korea

The Mortgage Bonds may not be offered, sold and delivered directly or indirectly, or offered or sold to any person for reoffering or resale, directly or indirectly, in the Republic of Korea or to any resident of the Republic of Korea except pursuant to the applicable laws and regulations of the Republic of Korea, including the Korea Securities and Exchange Act and the Foreign Exchange Transaction Law and the decrees and regulations thereunder. The Mortgage Bonds have not been and will not be registered with the Financial Services Commission of Korea for public offering in the Republic of Korea. Furthermore, the Mortgage Bonds may not be resold to residents of the Republic of Korea unless the purchaser of the Mortgage Bonds complies with all applicable regulatory requirements (including but not limited to government approval requirements under the Foreign Exchange Transaction Law and its subordinate decrees and regulations) in connection with the purchase of the Mortgage Bonds.

Notice to Prospective Investors in Taiwan

The Mortgage Bonds have not been and will not be registered with the Financial Supervisory Commission of Taiwan, the Republic of China (“Taiwan”), pursuant to relevant securities laws and regulations and may not be offered or sold in Taiwan through a public offering or in any manner which would constitute an offer within the meaning of the Securities and Exchange Act of Taiwan or would otherwise require registration with or the approval of the Financial Supervisory Commission of Taiwan. No person or entity in Taiwan has been authorized to offer, sell, give advice regarding or otherwise intermediate the offering or sale of the Mortgage Bonds in Taiwan.

LEGAL MATTERS

The validity of the Mortgage Bonds will be passed upon for Duke Energy Ohio by a Deputy General Counsel or an Associate General Counsel of Duke Energy Business Services LLC, the service company affiliate of Duke Energy Ohio. Certain legal matters with respect to the offerings of the Mortgage Bonds will be passed upon for Duke Energy Ohio by Hunton Andrews Kurth LLP, New York, New York. Sidley Austin LLP, New York, New York, has acted as counsel to the underwriters. Sidley Austin LLP acts and, in the past has acted, as counsel to affiliates of Duke Energy Ohio in connection with various matters.

WHERE YOU CAN FIND MORE INFORMATION

We are subject to the informational requirements of the Securities Exchange Act of 1934, as amended and, in accordance therewith, file annual, quarterly and current reports and other information with the SEC. Our filings with the SEC, as well as additional information about us, are available to the public through Duke Energy Corporation's website at <http://www.duke-energy.com> and are made available as soon as reasonably practicable after such material is filed with or furnished to the SEC. The information on Duke Energy Corporation's website is not a part of this prospectus supplement or the accompanying prospectus. Our filings are also available to the public through the SEC's website at <http://www.sec.gov>.

The SEC allows us to "incorporate by reference" into this prospectus supplement the information we file with it, 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 a part of this prospectus supplement, and information that we file later with the SEC will automatically update and supersede this information. This prospectus supplement incorporates by reference the documents incorporated in the accompanying prospectus at the time the registration statement became effective and all later documents filed with the SEC, in all cases as updated and superseded by later filings with the SEC. We incorporate by reference the document listed below and any future documents filed by us with the SEC under Section 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934, as amended, until these offerings are completed:

- Annual Report on Form 10-K for the year ended December 31, 2022.

We, our parent company, Duke Energy Corporation, and certain of its other subsidiaries separately filed the combined Annual Report on Form 10-K listed above. We do not intend to incorporate by reference into this prospectus supplement the information relating to Duke Energy Corporation and its subsidiaries (other than Duke Energy Ohio, Inc. and its consolidated subsidiaries), and we make no representation as to the information relating to Duke Energy Corporation and its subsidiaries (other than Duke Energy Ohio, Inc. and its consolidated subsidiaries) contained in such combined reports.

We will provide you without charge a copy of these filings, other than any exhibits unless the exhibits are specifically incorporated by reference into this prospectus supplement. You may request a copy by writing us at the following address or telephoning one of the following numbers:

Investor Relations Department
Duke Energy Ohio, Inc.
P.O. Box 1005
Charlotte, North Carolina 28201
(704) 382-3853 or (800) 488-3853 (toll-free)

Prospectus

Duke Energy Ohio, Inc.

**First Mortgage Bonds
Unsecured Debt Securities**

From time to time, we may offer the securities described in the prospectus separately or together in any combination, in one or more classes or series, in amounts, at prices and on terms that we will determine at the time of the offering.

We will provide specific terms of these offerings and securities in supplements to this prospectus. You should read carefully this prospectus, the information incorporated by reference in this prospectus and any prospectus supplement before you invest. This prospectus may not be used to offer or sell any securities unless accompanied by a prospectus supplement.

Investing in our securities involves risks. You should carefully consider the information in the section entitled “Risk Factors” on page 1 of this prospectus before you invest in any of our securities.

We may offer and sell the securities directly, through agents we select from time to time or to or through underwriters or dealers we select. If we use any agents, underwriters or dealers to sell the securities, we will name them and describe their compensation in a prospectus supplement. The price to the public of those securities and the net proceeds we expect to receive from that sale will also be set forth in a prospectus supplement.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is September 23, 2022.

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REFERENCES TO ADDITIONAL INFORMATION

This prospectus incorporates important business and financial information about us from other documents that are not included in or delivered with this prospectus. This information is available for you to review through the Securities and Exchange Commission's, or SEC's, website, www.sec.gov. You can also obtain those documents incorporated by reference in this prospectus by requesting them in writing or by telephone from the company at the following address and telephone number:

Investor Relations Department
Duke Energy Ohio, Inc.
P.O. Box 1005
Charlotte, North Carolina 28201
(704) 382-3853 or (800) 488-3853 (toll-free)

See "Where You Can Find More Information" in this prospectus.

ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that Duke Energy Ohio filed with the SEC utilizing a "shelf" registration process. Under the shelf registration process, we are registering an unspecified amount of first mortgage bonds and unsecured debt securities, and may issue any of such securities in one or more offerings.

This prospectus provides general descriptions of the securities Duke Energy Ohio may offer. Each time securities are sold, a prospectus supplement will provide specific information about the terms of that offering. The prospectus supplement may also add, update or change information contained in this prospectus. The registration statement filed with the SEC includes exhibits that provide more details about the matters discussed in this prospectus. You should read this prospectus, the related exhibits filed with the SEC and any prospectus supplement, together with the additional information described under the caption "Where You Can Find More Information."

Unless we have indicated otherwise, or the context otherwise requires, references in this prospectus to "Duke Energy Ohio," "the Company," "we," "us" and "our" or similar terms are to Duke Energy Ohio, Inc.

FORWARD-LOOKING STATEMENTS

This prospectus and the information incorporated by reference in this prospectus include "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Forward-looking statements are based on our management's beliefs and assumptions and can often be identified by terms and phrases that include "anticipate," "believe," "intend," "estimate," "expect," "continue," "should," "could," "may," "plan," "project," "predict," "will," "potential," "forecast," "target," "guidance," "outlook," or other similar terminology. Various factors may cause actual results to be materially different than the suggested outcomes within forward-looking statements; accordingly, there is no assurance that such results will be realized.

In light of these risks, uncertainties and assumptions, the events described in the forward-looking statements included or incorporated by reference in this prospectus might not occur or might occur to a different extent or at a different time than described. Forward-looking statements speak only as of the date they are made and we expressly disclaim any obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

THE COMPANY

Duke Energy Ohio, Inc., an Ohio corporation and an indirect wholly-owned subsidiary of Duke Energy Corporation, is a regulated public utility primarily engaged in the transmission and distribution of electricity in portions of Ohio and Kentucky, in the generation and sale of electricity in portions of Kentucky, and the transportation and sale of natural gas in portions of Ohio and Kentucky. Duke Energy Ohio also conducts competitive auctions for retail electricity supply in Ohio whereby recovery of the energy price is from retail customers. Operations in Kentucky are conducted through our wholly-owned subsidiary, Duke Energy Kentucky, Inc. As of December 31, 2021, Duke Energy Ohio's service area covers approximately 3,000 square miles and supplies electric service to approximately 880,000 residential, commercial and industrial customers and provides transmission and distribution services for natural gas to approximately 550,000 customers. As of December 31, 2021, our asset portfolio included approximately 1,080 megawatts of owned generation capacity, 19,600 miles of electric distribution lines, 1,700 miles of electric transmission lines, 7,500 miles of natural gas distribution and transmission pipelines and 6,500 miles of natural gas service lines.

We are an Ohio corporation. Our principal executive offices are located at 139 East Fourth Street, Cincinnati, Ohio 45202. Our telephone number is (704) 382-3853.

The foregoing information about Duke Energy Ohio is only a general summary and is not intended to be comprehensive. For additional information about Duke Energy Ohio, you should refer to the information described under the caption "Where You Can Find More Information."

RISK FACTORS

Investing in our securities involves risks. Before purchasing any securities we offer, you should carefully consider the risk factors that are incorporated by reference herein from the section captioned "Risk Factors" in our most recent Annual Report on Form 10-K as they may be updated by our subsequent Quarterly Reports on Form 10-Q, together with all of the other information included in this prospectus and any prospectus supplement and any other information that we have incorporated by reference, including filings made with the SEC subsequent to the date hereof. Any of these risks, as well as other risks and uncertainties, could harm our financial condition, results of operations or cash flows.

USE OF PROCEEDS

Unless stated otherwise in the applicable prospectus supplement, we intend to use the net proceeds from the sale of any offered securities:

- to redeem or purchase from time to time presently outstanding securities when we anticipate those transactions will result in an overall cost savings;
- to repay maturing securities;
- to finance our ongoing construction program; or
- for general corporate purposes.

DESCRIPTION OF FIRST MORTGAGE BONDS

We may issue from time to time one or more series of first mortgage bonds under a first mortgage dated as of August 1, 1936 (the "Original Mortgage"), between the Company and The Bank of New York Mellon Trust Company, N.A., as first mortgage trustee, as amended and restated in its entirety by the Fortieth Supplemental Indenture, dated as of March 23, 2009 (the "Fortieth Supplemental Indenture"), as supplemented thereafter to date and as proposed to be supplemented by one or more supplemental indentures. The Original Mortgage, as amended and restated and thereafter supplemented, is sometimes called the "Mortgage" in this prospectus. The term "first mortgage bonds" in this prospectus refers to all securities from time to time issued under the Mortgage. When we offer to sell a particular series of first mortgage bonds, we will describe the specific terms of these Securities in a prospectus supplement.

We have summarized certain terms and provisions of the Mortgage. The summary is not complete. The Mortgage is an exhibit to the registration statement of which this prospectus forms a part. You should read

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the Mortgage for the provisions that may be important to you. Terms used in this summary have the meanings specified in the Mortgage. The Mortgage is subject to and governed by the Trust Indenture Act of 1939, as amended.

General

The Mortgage permits us to issue first mortgage bonds from time to time in an unlimited aggregate amount subject to the limitations described under “— Issuance of Additional First Mortgage Bonds.” All first mortgage bonds of any one series need not be issued at the same time, and a series may be reopened for issuances of additional first mortgage bonds of that series. This means that we may from time to time, without the consent of the existing holders of the first mortgage bonds of any series, create and issue additional first mortgage bonds of a series having the same terms and conditions as the previously issued first mortgage bonds of that series in all respects, except for issue date, issue price and, if applicable, the initial interest payment on those additional first mortgage bonds. Additional first mortgage bonds issued in this manner will be consolidated with and will form a single series with, the previously issued first mortgage bonds of that series. For more information, see the discussion below under “— Issuance of Additional First Mortgage Bonds.”

A prospectus supplement and any supplemental indenture, board resolution and officer's certificate relating to any series of first mortgage bonds being offered by this prospectus will include specific terms relating to that offering. These terms will include some or all of the following terms that apply to that series:

- the title of the first mortgage bonds;
- any limit upon the total principal amount of the first mortgage bonds;
- the dates, or the method to determine the dates, on which the principal of the first mortgage bonds will be payable and how it will be paid;
- the interest rate or rates which the first mortgage bonds will bear, or how the rate or rates will be determined, the interest payment dates for the first mortgage bonds and the regular record dates for interest payments;
- any right to extend the interest payments for, or the maturity of, the first mortgage bonds and the duration of any such extension;
- any date or dates on which the first mortgage bonds may be redeemed at our option and the terms, conditions and any restrictions on those redemptions;
- any sinking fund or other provisions that would obligate us to repurchase or otherwise redeem the first mortgage bonds;
- any additions or exceptions to the events of default under the Mortgage or additions or exceptions to our covenants under the Mortgage for the benefit of the holders of first mortgage bonds;
- any denominations other than multiples of \$1,000 in which the first mortgage bonds will be issued;
- if payments on the first mortgage bonds may be made in a currency or currencies other than United States dollars; and, if so, the means through which the equivalent principal amount of any payment in United States dollars is to be determined for any purpose;
- any terms pursuant to which the first mortgage bonds may be converted into or exchanged for other securities of ours or of another entity; and
- any other terms of the first mortgage bonds not inconsistent with the terms of the Mortgage.

We may sell first mortgage bonds at a discount below their principal amount. United States Federal income tax considerations applicable to first mortgage bonds sold at an original issue discount will be described in the applicable prospectus supplement if we sell first mortgage bonds at an original issue discount. In addition, important United States Federal income tax or other tax considerations applicable to any first mortgage bonds denominated or payable in a currency or currency unit other than United States dollars will be described in the applicable prospectus supplement if we sell first mortgage bonds denominated or payable in a currency or currency unit other than United States dollars.

Redemption

We will set forth any terms for the redemption of first mortgage bonds of any series in the applicable prospectus supplement. If less than all of the first mortgage bonds of any series or any tranche thereof are to be redeemed, the Mortgage Trustee will select the first mortgage bonds to be redeemed by such method as shall be provided for in such particular series or tranche. In the absence of any such provision, the Mortgage Trustee will choose a method of random selection as it may deem fair and appropriate.

Unless we default in the payment of the redemption price and accrued interest, if any, in the case of an unconditional notice of redemption, first mortgage bonds will cease to bear interest on the redemption date. We will pay the redemption price and any accrued interest to the redemption date upon surrender of any first mortgage bond for redemption. If only part of a first mortgage bond is redeemed, the Mortgage Trustee will deliver to the holder of the first mortgage bond a new first mortgage bond of the same series for the remaining portion without charge.

We may make any redemption at our option conditional upon the receipt by the paying agent, on or prior to the date fixed for redemption, of money sufficient to pay the redemption price and accrued interest, if any. If the paying agent has not received the money by the date fixed for redemption, we will not be required to redeem the first mortgage bonds.

Payment and Paying Agents

Except as may be provided in the applicable prospectus supplement, interest, if any, on each first mortgage bond payable on any interest payment date will be paid to the person in whose name that first mortgage bond is registered at the close of business on the regular record date for that interest payment date. However, interest payable at maturity will be paid to the person to whom the principal is paid. If there has been a default in the payment of interest on any first mortgage bond, the defaulted interest may be paid to the holder of that first mortgage bond as of the close of business on a date between 10 and 15 days before the date proposed by us for payment of the defaulted interest or in any other manner permitted by any securities exchange on which that first mortgage bond may be listed, if the Mortgage Trustee finds it practicable.

Unless otherwise specified in the applicable prospectus supplement, principal, premium, if any, and interest on the first mortgage bonds at maturity will be payable upon presentation of the first mortgage bonds at the corporate trust office of the Mortgage Trustee, 10161 Centurion Parkway N., 2nd Floor, Jacksonville, Florida 32256. However, we may choose to make payment of interest by check mailed to the addresses of the persons entitled to payment as they may appear or have appeared in the security register for the first mortgage bonds. We may change the place of payment on the first mortgage bonds, appoint one or more additional paying agents (including us) and remove any paying agent, all at our discretion.

Registration and Transfer

Unless otherwise specified in the applicable prospectus supplement, the transfer of first mortgage bonds may be registered, and first mortgage bonds may be exchanged for other first mortgage bonds of the same series or tranche, of authorized denominations and with the same terms and principal amount, at the corporate trust office of the Mortgage Trustee. We may, upon prompt written notice to the Mortgage Trustee and the holders of the first mortgage bonds, designate one or more additional places, or change the place or places previously designated, for registration of transfer and exchange of the first mortgage bonds. No service charge will be made for any registration of transfer or exchange of the first mortgage bonds. However, we may require payment to cover any tax or other governmental charge that may be imposed in connection with a registration of transfer or exchange. We will not be required to execute or to provide for the registration, transfer or exchange of any first mortgage bond

- during the 15 days before giving any notice of redemption; or
- selected for redemption except the unredeemed portion of any first mortgage bond being redeemed in part.

Lien of the Mortgage

The Mortgage creates a first lien, subject to any permitted liens, on substantially all of our tangible electric and natural gas transmission, storage and distribution utility property located in Ohio, together

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with our recorded easements and rights of way, franchises, licenses, permits, grants, immunities, privileges and rights that are used or useful in the operation of such property, other than Excepted Property (as defined below). These properties are sometimes referred to as our "Mortgaged Property." Additionally, the Mortgage will create a first lien, subject only to permitted liens, on Mortgaged Property that we may acquire in the future.

We have not made any appraisal of the value of the properties subject to the lien of the Mortgage. The value of the properties in the event of liquidation will depend on market and economic conditions, the availability of buyers and other factors. In the event of liquidation, if the proceeds were not sufficient to repay amounts under all of the first mortgage bonds then outstanding, then holders of first mortgage bonds, to the extent not repaid from the proceeds of the sale of the collateral, would only have an unsecured claim against our remaining assets.

Permitted Liens

The lien of the Mortgage is subject to Permitted Liens described in the Mortgage. These Permitted Liens include, among others:

- liens existing at the date of execution and delivery of the Original Mortgage and, with respect to the natural gas transmission and distribution property that became subject to the lien of the Mortgage pursuant to the Forty-sixth Supplemental Indenture dated as of January 8, 2019 (the "Forty-sixth Supplemental Indenture"), liens existing at the date of execution and delivery of the Forty-sixth Supplemental Indenture;
- as to property acquired by us after the date of execution and delivery of the Original Mortgage, liens existing or placed on such property at the time we acquire such property and any Purchase Money Liens;
- tax liens, assessments and other governmental charges or requirements which are not delinquent or which are being contested in good faith and by appropriate proceedings or of which at least ten business days notice has not been given to our general counsel or to such other person designated by us to receive such notices;
- mechanics', workmen's, repairmen's, materialmen's, warehousemen's and carriers' liens, other liens incident to construction, liens or privileges of any of our employees for salary or wages earned, but not yet payable, and other liens, including without limitation liens for worker's compensation awards, arising in the ordinary course of business for charges or requirements which are not delinquent or which are being contested in good faith and by appropriate proceedings or of which at least ten business days' notice has not been given to our general counsel or to such other person designated by us to receive such notices;
- specified judgment liens and Prepaid Liens;
- easements, leases, reservations or other rights of others in, and defects in title to, our Mortgaged Property;
- liens securing indebtedness or other obligations relating to real property we acquired for specified transmission, distribution or communication purposes or for the purpose of obtaining rights-of-way;
- specified leases and leasehold, license, franchise and permit interests;
- liens resulting from law, rules, regulations, orders or rights of Governmental Authorities and specified liens required by law or governmental regulations;
- liens to secure public obligations; rights of others to take minerals, timber, electric energy or capacity, gas, water, steam or other products produced by us or by others on our property;
- rights and interests of persons other than us arising out of agreements relating to the common ownership or joint use of property, and liens on the interests of those Persons in the property;
- restrictions on assignment and/or requirements of any assignee to qualify as a permitted assignee and/or public utility or public services corporation; and

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- liens which have been bonded for the full amount in dispute or for the payment of which other adequate security arrangements have been made.

The Mortgage provides that the Mortgage Trustee will have a lien, prior to the lien on the Mortgaged Property securing the first mortgage bonds, for the payment of its reasonable compensation and expenses and for indemnity against specified liabilities. This lien would be a Permitted Lien under the Mortgage.

Excepted Property

The lien of the Mortgage does not cover, among other things, the following types of property whether owned as of the execution date of the Fortieth Supplemental Indenture or acquired thereafter:

- all of the assets of our subsidiary, Duke Energy Kentucky, Inc.;
- all cash, deposit accounts, securities and all policies of insurance on the lives of our officers not paid or delivered to or deposited with or held by the Mortgage Trustee or required so to be;
- all contracts, leases, operating agreements and other agreements of all kinds (other than our franchises, permits and licenses that are used or useful in the operation of our electric and natural gas transmission and distribution businesses), contract rights, bills, notes and other instruments, revenues, income and earnings, all accounts, accounts receivable, rights to payment, payment intangibles and unbilled revenues, rights created by statute or governmental action to bill and collect revenues or other amounts from customers or others, credits, claims, demands and judgments;
- all governmental and other licenses, permits, franchises, consents and allowances (other than our franchises, permits and licenses that are used or useful in the operation of our electric and natural gas transmission and distribution businesses);
- all unrecorded easements and rights of way;
- all intellectual property rights and other general intangibles;
- all vehicles, railroad and other movable equipment, aircraft and vessels and all parts, accessories and supplies used in connection with any of the foregoing;
- all personal property of such character that the perfection of a security interest therein or other lien thereon is not governed by the Uniform Commercial Code in effect where we are organized;
- all goods, stock in trade, wares, merchandise and inventory acquired for the purpose of sale or lease in the ordinary course and conduct of our business, and all materials, supplies, inventory and other items of personal property which are consumable (otherwise than by ordinary wear and tear) in their use in the operation of the Mortgaged Property;
- all fuel, whether or not any such fuel is in a form consumable in the operation of the Mortgaged Property, including separate components of any fuel;
- all portable tools and equipment, furniture and furnishings, computers and data processing, data storage, data transmission, telecommunications and other facilities, and all other equipment which is used primarily for administrative or clerical purposes;
- all coal, lignite, ore, gas, oil and other minerals and all timber, and all electric energy and capacity, gas, steam and other materials and products generated, manufactured, produced or purchased by us for sale, distribution or use in the ordinary course and conduct of our business;
- all property which is the subject of a lease agreement designating us as lessee, and all our right, title and interest in and to the property and in, to and under the lease agreement, whether or not the lease agreement is intended as security;
- all property which has been released from the lien of the Mortgage and any improvements, extensions and additions to such properties and renewals, replacements, substitutions of or for any parts thereof;
- all property located outside the State of Ohio;

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- all property, stations and plants used by us in the generation of electricity, including all land, buildings, structures and works, easements, rights of way, permits, privileges, towers, poles, wires, machinery, equipment, appliances, appurtenances and supplies forming a part of the plants and stations;
- all of our water systems, including all property, permits, privileges, franchises and rights related to the water systems; and
- all property not acquired or constructed by us for use in our electric and natural gas transmission and distribution businesses.

We sometimes refer to property of ours not covered by the lien of the Mortgage as "Excepted Property."

Issuance of Additional First Mortgage Bonds

Subject to the issuance restrictions described below, the aggregate principal amount of first mortgage bonds that may be authenticated and delivered under the Mortgage is unlimited. First mortgage bonds of any series may be issued from time to time only on the basis of, and in an aggregate principal amount not exceeding, the sum of the following:

- $66\frac{2}{3}\%$ of the cost or fair value to us (whichever is less) of Property Additions (as described below) which do not constitute Funded Property (as described below) after specified deductions and additions, primarily including adjustments to offset property retirements;
- the aggregate principal amount of Retired Securities, as defined below; or
- an amount of cash deposited with the Mortgage Trustee.

"Property Additions" means generally any property owned by us and subject to the lien of the Mortgage. Property Additions will become "Funded Property" when used under the Mortgage for the issuance of first mortgage bonds, the release or retirement of Funded Property, or the withdrawal of cash deposited with the Mortgage Trustee for the issuance of first mortgage bonds.

"Retired Securities" means any Securities authenticated and delivered under the Mortgage on or after the execution date of the Fortieth Supplemental Indenture which:

- no longer remain outstanding;
- have not been made the basis of the authentication and delivery of first mortgage bonds, the release of Mortgaged Property or the withdrawal of cash, which have been substituted for retired Funded Property or which have been used for other specified purposes under any of the provisions of the Mortgage; and
- have not been paid, redeemed, purchased or otherwise retired by the application thereto of Funded Cash.

All first mortgage bonds of any one series need not be issued at the same time, and a series may be reopened for issuances of additional first mortgage bonds of that series, provided that such additional first mortgage bonds of that series are fungible with the previously issued first mortgage bonds of that series for U.S. federal income tax purposes. This means that we may from time to time, without the consent of the existing holders of the first mortgage bonds of any series, create and issue additional first mortgage bonds of a series having the same terms and conditions as the previously issued first mortgage bonds of that series in all respects, except for issue date, issue price and, if applicable, the initial interest payment on those additional Securities, provided that such additional first mortgage bonds of that series are fungible with the previously issued first mortgage bonds of that series for U.S. federal income tax purposes. Additional first mortgage bonds issued in this manner will be consolidated with and will form a single series with, the previously issued first mortgage bonds of that series.

Release of Property

Unless an event of default under the Mortgage has occurred and is continuing, we may obtain the release of Mortgaged Property that constitutes Funded Property, except for cash held by the Mortgage

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Trustee, upon delivery to the Mortgage Trustee of an amount in cash equal to the amount, if any, by which the lower of the cost or fair value of the property to be released exceeds the aggregate of:

- an amount equal to the aggregate principal amount of any obligations secured by Purchase Money Liens upon the property to be released and delivered to the Mortgage Trustee;
- an amount equal to the cost or fair value to us (whichever is less) of certified Property Additions not constituting Funded Property after specified deductions and additions, primarily including adjustments to offset property retirements (except that these adjustments need not be made if the Property Additions were acquired, made or constructed within the 90-day period preceding the release);
- 150% of the aggregate principal amount of first mortgage bonds that we would be entitled to issue on the basis of Retired Securities (with the entitlement being waived by operation of the release);
- 150% of the aggregate principal amount of any outstanding first mortgage bonds delivered to the Mortgage Trustee (with the first mortgage bonds to be cancelled by the Mortgage Trustee) other than first mortgage bonds issued on the basis of deposited cash;
- any amount in cash and/or an amount equal to the aggregate principal amount of any obligations secured by Purchase Money Liens delivered to a holder of a prior lien on Mortgaged Property in consideration for the release of such Mortgaged Property from such prior lien; and
- any taxes and expenses incidental to any sale, exchange, dedication or other disposition of the property to be released.

Unless an event of default under the Mortgage has occurred and is continuing, we may obtain the release from the lien of the Mortgage of any part of the Mortgaged Property or any interest therein, which does not constitute Funded Property, without depositing any cash or property with the Mortgage Trustee as long as (a) the aggregate amount of cost or fair value to us (whichever is less) of all Property Additions which do not constitute Funded Property (excluding the property to be released) after specified deductions and additions, primarily including adjustments to offset property retirements, is not less than zero or (b) the cost or fair value (whichever is less) of property to be released does not exceed the aggregate amount of the cost or fair value to us (whichever is less) of Property Additions acquired, made or constructed within the 90-day period preceding the release.

The Mortgage provides simplified procedures for the release of Mortgaged Property with a net book value of up to the greater of \$10 million or 3% of outstanding first mortgage bonds during a calendar year and for the release of Mortgaged Property taken or sold in connection with the power of eminent domain, provides for dispositions of certain obsolete or unnecessary Mortgaged Property and for grants or surrender of certain easements, leases or rights of way without any release or consent by the Mortgage Trustee.

If we retain any interest in any property released from the lien of the Mortgage, the Mortgage will not become a lien on the property or the interest in the property or any improvements, extensions or additions to, or any renewals, replacements or substitutions of or for, any part or parts of the property unless we subject such property to the lien of the Mortgage.

The Mortgage also provides that we may terminate, abandon, surrender, cancel, release, modify or dispose of any of our franchises, permits or licenses that are Mortgaged Property without any consent of the Mortgage Trustee or the holders of outstanding first mortgage bonds; provided that (i) such action is, in our opinion, necessary, desirable or advisable in the conduct of our business, and (ii) any of our franchises, permits or licenses that, in our opinion, cease to be necessary for the operation of Mortgaged Property shall cease to be Mortgaged Property without any release or consent, or report to, the Mortgage Trustee.

Withdrawal of Cash

Unless an event of default under the Mortgage has occurred and is continuing, and subject to specified limitations, cash held by the Mortgage Trustee may, generally, (1) be withdrawn by us (a) to the extent of the cost or fair value to us (whichever is less) of Property Additions not constituting Funded Property, after specified deductions

and additions, primarily including adjustments to offset retirements (except that these adjustments need not be made if the Property Additions were acquired, made or constructed within

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the 90-day period preceding the withdrawal) or (b) in an amount equal to the aggregate principal amount of first mortgage bonds that we would be entitled to issue on the basis of Retired Securities or bond credits (with the entitlement to the issuance being waived by operation of the withdrawal) or (c) in an amount equal to the aggregate principal amount of any outstanding first mortgage bonds delivered to the Mortgage Trustee (with the first mortgage bonds to be cancelled by the Mortgage Trustee), or (2) upon our request, be applied to (a) the purchase of first mortgage bonds or (b) the payment (or provision for payment) at stated maturity of any first mortgage bonds or the redemption (or provision for payment) of any first mortgage bonds which are redeemable.

Satisfaction and Discharge of First Mortgage Bonds

We will be discharged from our obligations on any first mortgage bonds if we irrevocably deposit with the Mortgage Trustee or any paying agent, other than us, sufficient cash or government securities to pay the principal, interest, any premium and any other sums when due on the stated maturity date or a redemption date of the first mortgage bonds.

Consolidation, Merger and Conveyance of Assets

Under the terms of the Mortgage, we may not consolidate with or merge into any other entity or convey, transfer or lease as, or substantially as, an entirety to any entity the Mortgaged Property, unless:

- the surviving or successor entity, or an entity which acquires by conveyance or transfer or which leases our Mortgaged Property as, or substantially as, an entirety, is organized and validly existing under the laws of any domestic jurisdiction, and it expressly assumes our obligations on all first mortgage bonds then outstanding under the Mortgage and confirms the lien of the Mortgage on the Mortgaged Property (as constituted immediately prior to the time such transaction became effective) and subjects to the lien of the Mortgage all property thereafter acquired by the successor entity that constitutes an improvement, extension or addition to the Mortgaged Property (as so constituted) or a renewal, replacement or substitution of or for any part thereof, but only to the extent that such improvement, extension or addition is so affixed or attached to real property as to be regarded a part of such real property or is an improvement, extension or addition to personal property that is made to maintain, renew, repair or improve the function of such personal property and is physically installed in or affixed to such personal property;
- in the case of a lease, such lease is made expressly subject to termination by us or by the Mortgage Trustee and by the purchaser of the property so leased at any sale thereof at any time during the continuance of an event of default under the Mortgage;
- we shall have delivered to the Mortgage Trustee an officer's certificate and an opinion of counsel as provided in the Mortgage; and
- immediately after giving effect to such transaction (and treating any debt that becomes an obligation of the successor entity as a result of such transaction as having been incurred by the successor entity at the time of such transaction), no event of default under the Mortgage, or event which, after notice or lapse of time or both, would become an event of default under the Mortgage, shall have occurred and be continuing.

In the case of the conveyance or other transfer of the Mortgaged Property as, or substantially as, an entirety to any other person, upon the satisfaction of all the conditions described above, we would be released and discharged from all our obligations and covenants under the Mortgage and on the first mortgage bonds then outstanding unless we elect to waive such release and discharge.

The Mortgage does not prevent or restrict:

- any conveyance or other transfer, or lease, of any part of the Mortgaged Property that does not constitute the entirety, or substantially the entirety, of the Mortgaged Property; or
- any conveyance, transfer or lease of any of our properties where we retain Mortgaged Property with a fair value in excess of 150% of the aggregate

principal amount of all outstanding first mortgage bonds, and any other
outstanding debt secured by a Purchase Money Lien that ranks equally with,

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or senior to, the first mortgage bonds with respect to the Mortgaged Property. This fair value will be determined within 90 days of the conveyance, transfer or lease by an independent expert that we select.

Although the successor entity may, in its sole discretion, subject to the lien of the Mortgage property then owned or thereafter acquired by the successor entity, the lien of the Mortgage generally will not cover the property of the successor entity other than the property it acquires from us and improvements, extensions and additions to such property and renewals, replacements and substitutions thereof, within the meaning of the Mortgage.

Events of Default

“Event of default,” when used in the Mortgage, means any of the following:

- failure to pay interest on any first mortgage bonds for 30 days after it is due unless we have made a valid extension of the interest payment period with respect to such Security as provided in the Mortgage;
- failure to pay the principal of or any premium on any Security when due unless we have made a valid extension of the maturity of such Security as provided in the Mortgage;
- failure to perform or breach of any other covenant or warranty in the Mortgage that continues for 90 days after we receive written notice from the Mortgage Trustee, or we and the Mortgage Trustee receive written notice from the holders of at least 35% in aggregate principal amount of the outstanding first mortgage bonds, unless the Mortgage Trustee, or the Mortgage Trustee and the holders of a principal amount of first mortgage bonds not less than the principal amount of first mortgage bonds the holders of which gave such notice, as the case may be, agree in writing to an extension of such period prior to its expiration; provided, however, that the Mortgage Trustee, or the Mortgage Trustee and the holders of such principal amount of first mortgage bonds, as the case may be, shall be deemed to have agreed to an extension of such period if corrective action is initiated by us within such period and is being diligently pursued; or
- events of our bankruptcy, insolvency or reorganization as specified in the Mortgage.

Remedies

If an event of default under the Mortgage occurs and is continuing, then the Mortgage Trustee, by written notice to us, or the holders of at least 35% in aggregate principal amount of the outstanding first mortgage bonds, by written notice to us and the Mortgage Trustee, may declare the principal amount of all of the first mortgage bonds to be due and payable immediately, and upon our receipt of such notice, such principal amount, together with premium, if any, and accrued and unpaid interest will become immediately due and payable.

At any time after such a declaration of acceleration has been made but before any sale of the Mortgaged Property and before a judgment or decree for payment of the money due has been obtained by the Mortgage Trustee, the event of default under the Mortgage giving rise to such declaration of acceleration will be considered cured, and such declaration and its consequences will be considered rescinded and annulled, if:

- we have paid or deposited with the Mortgage Trustee a sum sufficient to pay:
 - all overdue interest on all outstanding first mortgage bonds;
 - the principal of and premium, if any, on the outstanding first mortgage bonds that have become due otherwise than by such declaration of acceleration and overdue interest thereon;
 - interest on overdue interest to the extent lawful; and
 - all amounts due to the Mortgage Trustee under the Mortgage; and
- any other event of default under the Mortgage with respect to the first mortgage bonds has been cured or waived as provided in the Mortgage.

There is no automatic acceleration, even in the event of our bankruptcy, insolvency or reorganization.

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Subject to the Mortgage, under specified circumstances and to the extent permitted by law, if an event of default under the Mortgage occurs and is continuing, the Mortgage Trustee has the power to appoint a receiver for the Mortgaged Property and has the power to take possession of, and to hold, operate and manage, the Mortgaged Property, or with or without entry, sell the Mortgaged Property. If the Mortgaged Property is sold, whether by the Mortgage Trustee or pursuant to judicial proceedings, the principal of the outstanding first mortgage bonds, if not previously due, will become immediately due, together with any premium and accrued interest.

Other than its duties in case of an event of default under the Mortgage, the Mortgage Trustee is not obligated to exercise any of its rights or powers under the Mortgage at the request, order or direction of any of the holders, unless the holders offer the Mortgage Trustee an indemnity satisfactory to it.

If they provide this indemnity, the holders of a majority in principal amount of the outstanding first mortgage bonds will have the right to direct the time, method and place of conducting any proceeding for any remedy available to the Mortgage Trustee, or exercising any trust or power conferred upon the Mortgage Trustee. The Mortgage Trustee is not obligated to comply with directions that conflict with law or other provisions of the Mortgage or that could involve the Mortgage Trustee in personal liability in circumstances where indemnity would not, in the Mortgage Trustee's sole discretion, be adequate.

No holder of first mortgage bonds will have any right to institute any proceeding under the Mortgage, or any remedy under the Mortgage, unless:

- the holder has previously given to the Mortgage Trustee written notice of a continuing event of default under the Mortgage;
- the holders of a majority in aggregate principal amount of the outstanding first mortgage bonds of all series have made a written request to the Mortgage Trustee and have offered indemnity satisfactory to the Mortgage Trustee to institute proceedings; and
- the Mortgage Trustee has failed to institute any proceeding for 60 days after notice and has not received during that period any direction from the holders of a majority in aggregate principal amount of the outstanding first mortgage bonds inconsistent with the written request of holders referred to above.

However, these limitations do not apply to the absolute and unconditional right of a holder of a Security to institute suit for payment of the principal, premium, if any, or interest on such Security on or after the applicable due date.

We will provide to the Mortgage Trustee an annual statement by an appropriate officer as to our compliance with all conditions and covenants under the Mortgage.

Modification and Waiver

Without the consent of any holder of first mortgage bonds, we and the Mortgage Trustee may enter into one or more supplemental indentures for any of the following purposes:

- to evidence the assumption by any permitted successor of our covenants in the Mortgage and in the first mortgage bonds;
- to add one or more covenants or other provisions for the benefit of the holders of first mortgage bonds, or to surrender any right or power conferred upon us;
- to add additional events of default under the Mortgage;
- to change or eliminate or add any new provision to the Mortgage; provided, however, if the change, elimination or addition will adversely affect the interests of the holders of first mortgage bonds of any series in any material respect, the change, elimination or addition will become effective only:
 - when the consent of the holders of first mortgage bonds of such series has been obtained in accordance with the Mortgage; or
 - when no first mortgage bonds of the affected series remain outstanding under the Mortgage;

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- to provide additional security for any first mortgage bonds;
- to establish the form or terms of first mortgage bonds of any other series as permitted by the Mortgage;
- to evidence and provide for the acceptance of appointment by a separate or successor Mortgage Trustee or co-trustee;
- to change any place where principal, premium, if any, and interest shall be payable, first mortgage bonds may be surrendered for registration of transfer or exchange, and notices and demands to us may be served;
- to amend and restate the Mortgage as originally executed and as amended from time to time, with additions, deletions and other changes that do not adversely affect the interests of the holders of first mortgage bonds of any series in any material respect; or
- to cure any ambiguity or inconsistency or to make any other changes or additions to the provisions of the Mortgage if such changes or additions will not materially adversely affect the interests of first mortgage bonds of any series in any material respect.

The holders of a majority in aggregate principal amount of then outstanding first mortgage bonds, considered as one class, may waive compliance by us with some restrictive provisions of the Mortgage. The holders of a majority in principal amount of then outstanding first mortgage bonds may waive any past default under the Mortgage, except a default in the payment of principal, premium, if any, or interest and certain covenants and provisions of the Mortgage that cannot be modified or amended without the consent of the holder of each outstanding Security of any affected series.

Except as provided below, the consent of the holders of a majority in aggregate principal amount of then outstanding first mortgage bonds, considered as one class, is required for all other amendments or modifications to the Mortgage. However, if less than all of the series of first mortgage bonds outstanding are directly affected by a proposed amendment or modification, then the consent of the holders of only a majority in aggregate principal amount of the outstanding first mortgage bonds of all series that are directly affected, considered as one class, will be required. Notwithstanding the foregoing, no amendment or modification may be made without the consent of the holder of each directly affected Security of any series then outstanding to:

- change the stated maturity of the principal of, or any installment of principal of or interest on, any Security of such series or reduce the principal amount of any Security of such series or its rate of interest or change the method of calculating that interest rate or reduce any premium payable upon redemption, or change the currency in which payments are made, or impair the right to institute suit for the enforcement of any payment on or after the stated maturity of any Security of such series;
- create any lien ranking prior to the lien of the Mortgage with respect to the Mortgaged Property, terminate the lien of the Mortgage on the Mortgaged Property or deprive any holder of a Security of such series of the benefits of the security of the lien of the Mortgage;
- reduce the percentage in principal amount of the outstanding first mortgage bonds of any series the consent of the holders of which is required for any amendment or modification or any waiver of compliance with a provision of the Mortgage or of any default thereunder and its consequences, or reduce the requirements for a quorum or voting; or
- modify certain provisions of the Mortgage relating to supplemental indentures, waivers of some covenants and waivers of past defaults with respect to the first mortgage bonds of any series.

A supplemental indenture that is to remain in effect only so long as there shall be outstanding first mortgage bonds of one or more particular series, or that modifies the rights of the holders of first mortgage bonds of one or more series, will not affect the rights under the Mortgage of the holders of the first mortgage bonds of any other series.

The Mortgage provides that first mortgage bonds owned by us or anyone else required to make payment on the first mortgage bonds shall be disregarded and

considered not to be outstanding in determining whether the required holders have given a request or consent.

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We may fix in advance a record date to determine the holders entitled to give any request, demand, authorization, direction, notice, consent, waiver or similar act of the holders, but we have no obligation to do so. If we fix a record date, that request, demand, authorization, direction, notice, consent, waiver or other act of the holders may be given before or after that record date, but only the holders of record at the close of business on that record date will be considered holders for the purposes of determining whether holders of the required percentage of the outstanding first mortgage bonds have authorized or agreed or consented to the request, demand, authorization, direction, notice, consent, waiver or other act of the holders. For that purpose, the outstanding first mortgage bonds will be computed as of the record date.

Any request, demand, authorization, direction, notice, consent, election, waiver or other act of a holder of any Security will bind every future holder of that Security and the holder of every Security issued upon the registration of transfer of or in exchange for that Security. A transferee will also be bound by acts of the Mortgage Trustee or us in reliance thereon, whether or not notation of that action is made upon the Security.

Resignation of the Mortgage Trustee

The Mortgage Trustee may resign at any time by giving written notice to us or may be removed at any time by an act of the holders of a majority in principal amount of first mortgage bonds then outstanding delivered to the Mortgage Trustee and us. No resignation or removal of the Mortgage Trustee and no appointment of a successor trustee will be effective until the acceptance of appointment by a successor trustee. So long as no event of default or event which, after notice or lapse of time, or both, would become an event of default has occurred and is continuing and except with respect to a trustee appointed by act of the holders, if we have delivered to the Mortgage Trustee a board resolution appointing a successor trustee and the successor has accepted the appointment in accordance with the terms of the Mortgage, the Mortgage Trustee will be deemed to have resigned and the successor will be deemed to have been appointed as trustee in accordance with the Mortgage.

Notices

Notices to holders of first mortgage bonds of any series will be given by mail to the addresses of the holders as they may appear in the security register for the first mortgage bonds of such series.

Title

We, the Mortgage Trustee, and any of our or the Mortgage Trustee's agents, may treat the person in whose name first mortgage bonds of any series are registered as the absolute owner thereof, whether or not the first mortgage bonds of such series may be overdue, for the purpose of making payments and for all other purposes irrespective of notice to the contrary.

Governing Law

The Mortgage is governed by, and construed in accordance with, the laws of the State of Ohio except that the rights, duties, obligations, privileges, immunities and standard of care of the Trustee will be governed by the laws of the State of New York.

Concerning the Mortgage Trustee

The Mortgage Trustee is The Bank of New York Mellon Trust Company, N.A. In addition to acting as Mortgage Trustee, The Bank of New York Mellon Trust Company, N.A. also acts, and may act, as trustee under various indentures, trusts and guarantees of ours and our affiliates. We and our affiliates maintain deposit accounts and credit and liquidity facilities and conduct other banking transactions with the Mortgage Trustee and its affiliate, The Bank of New York Mellon in the ordinary course of our respective businesses.

DESCRIPTION OF UNSECURED DEBT SECURITIES

We may issue from time to time one or more series of senior unsecured debt securities or junior subordinated unsecured debt securities under a Debenture Indenture, dated May 15, 1995, between us and

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The Bank of New York Mellon Trust Company, N.A., as successor debenture trustee. When we offer to sell a particular series of unsecured debt securities, we will describe the specific terms of these unsecured debt securities in a prospectus supplement. Such prospectus supplement will also indicate whether the general terms and provisions described in this prospectus apply to that particular series of unsecured debt securities.

We have summarized certain terms and provisions of the Debenture Indenture. The summary is not complete. The Debenture Indenture is an exhibit to the registration statement of which this prospectus forms a part. You should read the Debenture Indenture for the provisions that may be important to you. Terms used in this summary have the meanings specified in the Debenture Indenture. The Debenture Indenture is subject to and governed by the Trust Indenture Act of 1939, as amended.

General

The Debenture Indenture allows us to issue unsecured debt securities in an unlimited amount from time to time. The relevant prospectus supplement will describe the terms of any unsecured debt securities being offered, including:

- the title of the unsecured debt securities;
- any limit on the aggregate principal amount of the unsecured debt securities;
- the date or dates on which the principal of any of the unsecured debt securities will be payable;
- the rate or rates at which any of the unsecured debt securities will bear interest, if any;
- the date from which interest, if any, on the unsecured debt securities will accrue, the dates on which interest, if any, will be payable, the date on which payment of interest, if any, will commence, and the record dates for any interest payments;
- the right, if any, to extend interest payment periods and the duration of any extension;
- any redemption, purchase or sinking fund provisions;
- the place or places where the principal of and any premium and interest on any of the unsecured debt securities will be payable;
- the denominations in which the unsecured debt securities will be issuable;
- the index, if any, with reference to which the amount of principal of or any premium or interest on the unsecured debt securities will be determined;
- any addition to or change in the events of default applicable to any of the unsecured debt securities and any change in the right of the debenture trustee or the holders to declare the principal amount of any of the unsecured debt securities due and payable;
- any addition to or change in the covenants in the Debenture Indenture;
- whether the unsecured debt securities will be defeasible;
- whether the unsecured debt securities will be issued in the form of one or more global securities;
- the applicability of or any change in the subordination provisions of the Debenture Indenture to a series of unsecured debt securities; and
- any other terms of the unsecured debt securities not inconsistent with the provisions of the Debenture Indenture.

Subordination of Certain Unsecured Debt Securities

The Debenture Indenture provides that one or more series of unsecured debt securities may be subordinate and subject in right of payment to the prior payment in full of all senior debt of the Company.

No payment of principal of (including redemption and sinking fund payments), premium, if any, or interest on, the junior subordinated unsecured debt securities may be made if any senior debt is not paid when due, if any default has not been cured or waived, or if the maturity of any senior debt has been

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accelerated because of a default. Upon any distribution of assets of the Company to creditors upon any dissolution, winding-up, liquidation or reorganization, whether voluntary or involuntary or in bankruptcy, insolvency, receivership or other proceedings, all principal of, and premium, if any, and interest due or to become due on, all senior debt must be paid in full before the holders of the junior subordinated unsecured debt securities are entitled to receive or retain any payment. The rights of the holders of the junior subordinated unsecured debt securities will be subordinated to the rights of the holders of senior debt to receive payments or distributions applicable to senior debt.

In this prospectus, we use the term "senior debt" to mean the principal of, premium, if any, interest on and any other payment due pursuant to any of the following, whether currently outstanding or later incurred, created or assumed:

- (a) all indebtedness of the Company evidenced by notes, debentures, bonds, or other securities sold by the Company for money, excluding junior subordinated unsecured debt securities, but including all first mortgage bonds of the Company outstanding from time to time;
- (b) all indebtedness of others of the kinds described in the preceding clause (a) assumed by or guaranteed in any manner by the Company; and
- (c) all renewals, extensions, or refundings of indebtedness of the kinds described in either of the preceding clauses (a) and (b);

unless the instrument creating, evidencing, assuming or guaranteeing any particular indebtedness, renewal, extension or refunding expressly provides that such indebtedness, renewal, extension or refunding is not superior in right of payment to or is *pari passu* with the junior subordinated unsecured debt securities.

The Debenture Indenture does not limit the aggregate amount of senior debt that the Company may issue.

Exchange, Register and Transfer

The unsecured debt securities of each series will be issuable only in fully registered form without coupons.

The unsecured debt securities may be presented for exchange or registration of transfer in the manner, at the places and subject to the restrictions set forth in the unsecured debt securities and the relevant prospectus supplement. Subject to the limitations noted in the Debenture Indenture, you will not have to pay for these services, except for any associated taxes or other governmental charges.

Payment and Paying Agents

Unless the applicable prospectus supplement indicates otherwise, payment of interest on an unsecured debt security on any interest payment date will be made to the person in whose name the debt security is registered at the close of business on the regular record date for the interest payment.

Unless the applicable prospectus supplement indicates otherwise, principal of and any premium and interest on the unsecured debt securities will be payable at the office of the paying agent designated by us. However, we may elect to pay interest by check mailed to the address of the person entitled to the payment at the address appearing in the security register. Unless otherwise indicated in the applicable prospectus supplement, the corporate trust office of the debenture trustee in the City of Cincinnati will be designated as our sole paying agent for payments with respect to unsecured debt securities of each series. Any other paying agents initially designated by us for the unsecured debt securities of a particular series will be named in the applicable prospectus supplement. We may at any time designate additional paying agents or rescind the designation of any paying agent or approve a change in the office through which any paying agent acts, except that we will be required to maintain a paying agent in each place of payment for the unsecured debt securities of a particular series.

All moneys paid by us to a paying agent for the payment of the principal of or any premium or interest on any unsecured debt security which remain unclaimed at the end of 18 months after the principal, premium

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or interest has become due and payable will be repaid to us, and the holder of the debt security thereafter may look only to us for payment.

Consolidation, Merger, and Sale of Assets

The Debenture Indenture does not contain any provision that restricts our ability to merge or consolidate with or into any other entity, sell or convey all or substantially all of our assets to any other entity or otherwise engage in restructuring transactions, provided that the successor entity assumes due and punctual payment of the principal, premium, if any, and interest on the unsecured debt securities.

Events of Default

Each of the following is defined as an event of default under the Debenture Indenture with respect to unsecured debt securities of any series:

- failure to pay principal of or any premium on any debt security of that series when due;
- failure to pay any interest on any debt security of that series when due, continued for 30 days;
- failure to deposit any sinking fund payment, when due, in respect of any debt security of that series;
- failure to perform any other of our covenants in the Debenture Indenture (other than a covenant included in the Debenture Indenture solely for the benefit of a series other than that series), continuing for 90 days after written notice has been given by the debenture trustee or the holders of at least 35% in aggregate principal amount of the outstanding unsecured debt securities of that series, as provided in the Debenture Indenture; and
- certain events of bankruptcy, insolvency or reorganization.

If an event of default (other than a bankruptcy, insolvency or reorganization event of default) with respect to the outstanding unsecured debt securities of any series occurs and is continuing, either the debenture trustee or the holders of at least 35% in aggregate principal amount of the outstanding unsecured debt securities of that series, by notice as provided in the Debenture Indenture, may declare the principal amount of the unsecured debt securities of that series to be due and payable immediately. If a bankruptcy, insolvency or reorganization event of default with respect to the outstanding unsecured debt securities of any series occurs, the principal amount of all the unsecured debt securities of that series will automatically, and without any action by the debenture trustee or any holder, become immediately due and payable. After any such acceleration, but before a judgment or decree based on acceleration, the holders of a majority in aggregate principal amount of the outstanding unsecured debt securities of that series may, under certain circumstances, rescind and annul the acceleration if all events of default, other than the non-payment of accelerated principal, have been cured or waived as provided in the Debenture Indenture. For information as to waiver of defaults, see "Modification and Waiver."

Subject to the provisions of the Debenture Indenture relating to the duties of the debenture trustee, if an event of default occurs, the debenture trustee will be under no obligation to exercise any of its rights or powers under the Debenture Indenture at the request or direction of any of the holders, unless the holders shall have offered to the debenture trustee reasonably satisfactory indemnity. Subject to these provisions for the indemnification of the debenture trustee, the holders of a majority in aggregate principal amount of the outstanding unsecured debt securities of any series will have the right to direct the time, method and place of conducting any proceeding for any remedy available to the debenture trustee, or exercising any trust or power conferred on the debenture trustee, with respect to the unsecured debt securities of that series.

No holder of an unsecured debt security of any series will have any right to institute any proceeding with respect to the Debenture Indenture, or for the appointment of a receiver or a debenture trustee, or for any other remedy thereunder, unless:

- (a) the holder has previously given to the debenture trustee written notice of a continuing event of default with respect to the unsecured debt securities of that series;

(b) the holders of at least 35% in aggregate principal amount of the outstanding unsecured debt securities of that series have made written request, and have offered reasonably satisfactory indemnity, to the debenture trustee to institute a proceeding as trustee; and

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(c) the debenture trustee has failed to institute a proceeding, and has not received from the holders of a majority in aggregate principal amount of the outstanding unsecured debt securities of that series a direction inconsistent with such request, within 60 days after receipt of such notice, request and offer of indemnity. However, these limitations do not apply to a suit instituted by a holder of a debt security for the enforcement of payment of the principal of or any premium or interest on the debt security on or after the applicable due date specified in the debt security.

We will be required to furnish to the debenture trustee annually a statement by certain of our officers as to whether or not we, to our knowledge, are in default in the performance or observance of any of the terms, provisions and conditions of the Debenture Indenture and, if so, specifying all known defaults.

Modification and Waiver

Modifications and amendments of the Debenture Indenture may be made by us and the debenture trustee with the consent of the holders of not less than a majority in aggregate principal amount of the outstanding unsecured debt securities of each series affected by the modification or amendment; provided, however, no modification or amendment may, without the consent of the holder of each outstanding debt security affected:

- change the stated maturity of the principal of, or any installment of principal of or interest on, any debt security;
- reduce the principal amount of, or any premium or interest on, any debt security;
- reduce the amount of principal of an original issue discount security or any other debt security payable upon acceleration of the maturity thereof;
- change the place or currency of payment of principal of, or any premium or interest on, any debt security;
- affect the applicability of the subordination provisions to any debt security;
- impair the right to institute suit for the enforcement of any payment on or with respect to any debt security;
- reduce the percentage in aggregate principal amount of outstanding unsecured debt securities of any series, the consent of whose holders is required for modification or amendment of the Debenture Indenture;
- reduce the percentage in aggregate principal amount of outstanding unsecured debt securities of any series necessary for waiver of compliance with certain provisions of the Debenture Indenture or for waiver of certain defaults; or
- modify these provisions relating to modification and waiver.

The holders of not less than a majority in aggregate principal amount of the outstanding unsecured debt securities of any series may waive our compliance with certain restrictive provisions of the Debenture Indenture. The holders of a majority in aggregate principal amount of the outstanding unsecured debt securities of any series may waive any past default under the Debenture Indenture, except a default in the payment of principal, premium, or interest and certain covenants and provisions of the Debenture Indenture which cannot be modified or amended without the consent of the holder of each outstanding debt security of the series affected.

Generally, we will be entitled to set any day as a record date for the purpose of determining the holders of outstanding unsecured debt securities of any series entitled to give or take any direction, notice, consent, waiver, or other action under the Debenture Indenture, in the manner and subject to the limitations provided in the Debenture Indenture. In certain limited circumstances, the debenture trustee will be entitled to set a record date for action by holders. If a record date is set for any action to be taken by holders of a particular series, the action may be taken only by persons who are holders of outstanding unsecured debt securities of that series on the record date. To be effective, the action must be taken by holders of the requisite aggregate principal amount of unsecured debt securities within 180 days following the record date, or such shorter period as we (or the debenture trustee, if it sets the record date) may specify.

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Defeasance and Covenant Defeasance

Under the Debenture Indenture, we may elect to have the provisions of the Debenture Indenture relating to defeasance and discharge of indebtedness, or the provisions relating to defeasance of certain restrictive covenants, applied with respect to the unsecured debt securities of any series.

Defeasance and Discharge

If we elect to have the provisions of the Debenture Indenture relating to defeasance and discharge of indebtedness applied to any unsecured debt securities, we will be discharged from all our obligations with respect to those unsecured debt securities (except for certain obligations to exchange or register the transfer of unsecured debt securities, to replace stolen, lost or mutilated unsecured debt securities, to maintain paying agencies and to hold moneys for payment in trust) upon the deposit in trust for the benefit of the holders of such unsecured debt securities of money or U.S. Government Obligations, or both, which will provide money sufficient to pay the principal of and any premium and interest on the unsecured debt securities as they become due. This defeasance or discharge may occur only if, among other things, we have delivered to the debenture trustee an opinion of counsel to the effect that we have received from, or there has been published by, the United States Internal Revenue Service a ruling, or there has been a change in tax law, in either case to the effect that holders of the unsecured debt securities will not recognize gain or loss for federal income tax purposes as a result of the deposit, defeasance, and discharge and will be subject to federal income tax on the same amount, in the same manner and at the same times as would have been the case if the deposit, defeasance and discharge did not occur.

Defeasance of Certain Covenants

If we elect to have the provisions of the Debenture Indenture relating to defeasance of certain covenants applied to any unsecured debt securities, we may omit to comply with certain restrictive covenants that may be described in any applicable prospectus supplement, and the occurrence of certain events of default with respect to those restrictive covenants will no longer be applicable to those unsecured debt securities. In order to exercise this option, we will be required to deposit, in trust for the benefit of the holders of the unsecured debt securities, money or U.S. Government Obligations, or both, which will provide money sufficient to pay the principal of and any premium and interest on the unsecured debt securities as they become due. We will also be required, among other things, to deliver to the debenture trustee an opinion of counsel to the effect that holders of such unsecured debt securities will not recognize gain or loss for federal income tax purposes as a result of such deposit and defeasance of certain obligations and will be subject to federal income tax on the same amount, in the same manner and at the same times as would have been the case if such deposit and defeasance did not occur. If we were to exercise this option with respect to any unsecured debt securities and those unsecured debt securities subsequently were declared due and payable because of the occurrence of any event of default, the amount of money and U.S. Government Obligations deposited in trust would be sufficient to pay amounts due on the unsecured debt securities at the time of their respective stated maturities but might not be sufficient to pay the amounts due upon acceleration resulting from the event of default. In that case, we would remain liable for those payments.

Title

The Company and the debenture trustee, and any agent of the Company or the debenture trustee, may treat the person in whose name an unsecured debt security is registered as the absolute owner thereof (whether or not the debt security may be overdue) for the purpose of making payment and for all other purposes.

Governing Law

The Debenture Indenture and the unsecured debt securities will be governed by, and construed in accordance with, the laws of the State of New York.

Concerning the Debenture Trustee

The Bank of New York Mellon Trust Company, N.A. is the successor trustee under the Debenture Indenture. The Bank of New York Mellon Trust Company, N.A. also acts

as the trustee for our first

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mortgage bonds and for certain debt securities of our affiliates. The Bank of New York Mellon makes loans to, and performs other financial services for, us and our affiliates in the normal course of business.

GLOBAL SECURITIES

We may issue some or all of the first mortgage bonds and unsecured debt securities as book-entry securities. Any such book-entry securities will be represented by one or more fully registered global certificates. We will register each global security with or on behalf of a securities depository identified in the applicable prospectus supplement. Each global security will be deposited with the securities depository or its nominee or a custodian for the securities depository.

As long as the securities depository or its nominee is the registered holder of a global security representing securities described in this prospectus, that person will be considered the sole owner and holder of the global security and the securities it represents for all purposes. Except in limited circumstances, owners of beneficial interests in a global security:

- may not have the global security or any securities it represents registered in their names;
- may not receive or be entitled to receive physical delivery of certificated securities in exchange for the global security; and
- will not be considered the owners or holders of the global security or any securities it represents for any purposes under the applicable securities or the related mortgage or indenture.

We will make all payments of principal and any premium and interest on a global security to the securities depository or its nominee as the holder of the global security. The laws of some jurisdictions require that certain purchasers of securities take physical delivery of securities in definitive form. These laws may impair the ability to transfer beneficial interests in a global security.

Ownership of beneficial interests in a global security will be limited to institutions having accounts with the securities depository or its nominee, which are called “participants” in this discussion, and to persons that hold beneficial interests through participants. When a global security representing securities described in this prospectus is issued, the securities depository will credit on its book-entry, registration and transfer system the principal amounts of securities the global security represents to the accounts of its participants. Ownership of beneficial interests in a global security will be shown only on, and the transfer of those ownership interests will be effected only through, records maintained by:

- the securities depository, with respect to participants’ interests; and
- any participant, with respect to interests the participant holds on behalf of other persons.

Payments participants make to owners of beneficial interests held through those participants will be the responsibility of those participants. The securities depository may from time to time adopt various policies and procedures governing payments, transfers, exchanges and other matters relating to beneficial interests in a global security. None of the following will have any responsibility or liability for any aspect of the securities depository’s or any participant’s records relating to beneficial interests in a global security representing securities described in this prospectus, for payments made on account of those beneficial interests or for maintaining, supervising or reviewing any records relating to those beneficial interests:

- Duke Energy Ohio;
- the applicable trustee; or
- any agent of either of them.

PLAN OF DISTRIBUTION

We may sell securities to one or more underwriters or dealers for public offering and sale by them, or we may sell the securities to investors directly or through agents. The prospectus supplement relating to the securities being offered will set forth the terms of the offering and the method of distribution and will identify any firms acting as underwriters, dealers or agents in connection with the offering, including:

- the name or names of any underwriters;

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- the purchase price of the securities and the proceeds to us from the sale;
- any underwriting discounts and other items constituting underwriters' compensation;
- any public offering price;
- any discounts or concessions allowed or reallocated or paid to dealers; and
- any securities exchange or market on which the securities may be listed.

Only those underwriters identified in the prospectus supplement are deemed to be underwriters in connection with the securities offered in the prospectus supplement.

We may distribute the securities from time to time in one or more transactions at a fixed price or prices, which may be changed, or at prices determined as the prospectus supplement specifies. We may sell securities through forward contracts or similar arrangements. In connection with the sale of securities, underwriters, dealers or agents may be deemed to have received compensation from us in the form of underwriting discounts or commissions and also may receive commissions from securities purchasers for whom they may act as agent. Underwriters may sell the securities to or through dealers, and such dealers may receive compensation in the form of discounts, concessions or commissions from the underwriters or commissions from the purchasers for whom they may act as agent.

We may sell the securities directly or through agents we designate from time to time. Any agent involved in the offer or sale of the securities covered by this prospectus will be named in a prospectus supplement relating to such securities. Commissions payable by us to agents will be set forth in a prospectus supplement relating to the securities being offered. Unless otherwise indicated in a prospectus supplement, any such agents will be acting on a best-efforts basis for the period of their appointment.

Some of the underwriters, dealers or agents and some of their affiliates who participate in the securities distribution may engage in other transactions with, and perform other services for, us and our subsidiaries or affiliates in the ordinary course of business.

Any underwriting or other compensation which we pay to underwriters or agents in connection with the securities offering, and any discounts, concessions or commissions which underwriters allow to dealers, will be set forth in the applicable prospectus supplement. Underwriters, dealers and agents participating in the securities distribution may be deemed to be underwriters, and any discounts and commissions they receive and any profit they realize on the resale of the securities may be deemed to be underwriting discounts and commissions under the Securities Act of 1933, as amended. Underwriters, and their controlling persons, and agents may be entitled, under agreements we enter into with them, to indemnification against certain civil liabilities, including liabilities under the Securities Act of 1933, as amended.

EXPERTS

The consolidated financial statements incorporated in this prospectus by reference from Duke Energy Ohio, Inc.'s Annual Report on Form 10-K have been audited by Deloitte & Touche LLP, an independent registered public accounting firm, as stated in their report, which is incorporated herein by reference. Such consolidated financial statements have been so incorporated in reliance upon the report of such firm given upon their authority as experts in accounting and auditing.

VALIDITY OF THE SECURITIES

Richard G. Beach, Esq., who is Associate General Counsel of Duke Energy Business Services LLC, the service company affiliate of Duke Energy Ohio, and/or counsel named in the applicable prospectus supplement, will issue an opinion about the validity of the securities we are offering in the applicable prospectus supplement. Counsel named in the applicable prospectus supplement will pass upon certain legal matters on behalf of any underwriters.

WHERE YOU CAN FIND MORE INFORMATION

We are subject to the informational requirements of the Securities Exchange Act of 1934, as amended, and, in accordance therewith, file annual, quarterly and current reports and other information with the SEC. Our filings with the SEC, as well as additional information about us, are available to the public through Duke Energy Corporation's website at <http://www.duke-energy.com> and are made available as soon as reasonably practicable after such material is filed with or furnished to the SEC. The information on Duke Energy Corporation's website is not a part of this prospectus. Our filings are also available to the public through the SEC web site at <http://www.sec.gov>.

The SEC allows us to "incorporate by reference" into this prospectus the information we file with it, 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 a part of this prospectus, and information that we file later with the SEC will automatically update and supersede this information. This prospectus incorporates by reference the documents incorporated in the prospectus at the time the registration statement became effective and all later documents filed with the SEC, in all cases as updated and superseded by later filings with the SEC.

Duke Energy Ohio incorporates by reference the documents listed below and any future filings made by us with the SEC under Section 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934, as amended, until the offering is completed:

- Annual Report on Form 10-K for the year ended December 31, 2021;
- Quarterly Reports on Form 10-Q for the quarterly periods ended March 31, 2022 and June 30, 2022; and
- Current Report on Form 8-K filed on March 21, 2022.

We, our parent company, Duke Energy Corporation, and certain of its other subsidiaries separately filed the combined Annual Report on Form 10-K and Quarterly Reports on Form 10-Q listed above. We do not intend to incorporate by reference into this prospectus the information relating to Duke Energy Corporation and its subsidiaries (other than Duke Energy Ohio, Inc. and its consolidated subsidiaries), and we make no representation as to the information relating to Duke Energy Corporation and its subsidiaries (other than Duke Energy Ohio, Inc. and its consolidated subsidiaries) contained in such combined reports.

We will provide you without charge a copy of these filings, other than any exhibits unless the exhibits are specifically incorporated by reference into this prospectus. You may request a copy by writing us at the following address or telephoning one of the following numbers:

Investor Relations Department
Duke Energy Ohio, Inc.
P.O. Box 1005
Charlotte, North Carolina 28201
(704) 382-3853 or (800) 488-3853 (toll-free)

You should rely only on the information contained or incorporated by reference in this prospectus. We have not authorized any other person to provide you with different information. If anyone provides you with different or inconsistent information, you should not rely on it. We are not making an offer to sell the securities described in this prospectus in any state where the offer or sale is not permitted. You should assume that the information contained in the prospectus is accurate only as of its date. Our business, financial condition, results of operations and prospects may have changed since that date.

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**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
PUC DOCKET NO. 56211
SOAH DOCKET NO. 473-24-13232**

**TEXAS INDUSTRIAL ENERGY CONSUMERS
REQUEST NO.: TIEC-RFI01-25**

QUESTION:

Please refer to Ms. Richert's direct testimony at page 14, lines 1-4 and Table JRichert-6. Is the "\$92 million in cumulative interest expense" an absolute value or a net present value?

ANSWER:

The \$92M is an absolute value.

SPONSOR:

Jackie Richert

RESPONSIVE DOCUMENTS:

None

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
PUC DOCKET NO. 56211
SOAH DOCKET NO. 473-24-13232**

**TEXAS INDUSTRIAL ENERGY CONSUMERS
REQUEST NO.: TIEC-RFI01-26**

QUESTION:

At what percentage have CenterPoint's rate base and/or net revenues grown year-over-year in each year since the effective date of its last rate case?

ANSWER:

The Company has not performed the requested analysis.

Please see responses to TCUC-RFP01-08 for the Company's rate base and TIEC-RFI01-04 for the Company's requested information for each year since its last rate case.

SPONSOR:

Kristie Colvin

RESPONSIVE DOCUMENTS:

None

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
PUC DOCKET NO. 56211
SOAH DOCKET NO. 473-24-13232**

**TEXAS INDUSTRIAL ENERGY CONSUMERS
REQUEST NO.: TIEC-RFI01-27**

QUESTION:

Please provide all projections that CenterPoint has made over the last two years related to its anticipated growth in rate base and/or net revenues, and produce all internal reports or presentations related to those projections. This is a continuing request.

ANSWER:

Please find the attached internal reports and presentations which contain anticipated growth in rate base and or net revenues, in addition to previously provided in RFI responses TCUC-RFP01-02 and GCCC01-01.

Please note, monthly projections are used for current year analysis and do not flow through long term forecasts that exist beyond the current year. These are to be relied upon for current year projections.

Long-term forecasts are used for projections made over a multi-year period and projections are refined and revised on annual basis as actual results becomes available or periodically as large/long-dated future period updates are made. These long-term results can vary from the current years monthly projections.

SPONSOR:

Jackie Richert

RESPONSIVE DOCUMENTS:

The attachment below is confidential and is being provided pursuant to the Protective Order issued in Docket No. 56211.

TIEC-RFI01-27 2022-2023 Monthly Revenue Projections (confidential).xlsx

The attachments below are confidential highly sensitive and are being provided pursuant to the Protective Order issued in Docket No. 56211.

TIEC-RFI01-27 CNP Long Term Data Book_draft 3-14-24 (confidential_HSPM).pdf

TIEC-RFI01-27 CNP Long Term Data Book_draft 11-10-23 (confidential_HSPM).pdf

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
PUC DOCKET NO. 56211
SOAH DOCKET NO. 473-24-13232**

**TEXAS INDUSTRIAL ENERGY CONSUMERS
REQUEST NO.: TIEC-RFI01-28**

QUESTION:

Please refer to page 20, lines 21-22 of Ms. Richert's direct testimony.

- a. What percentage of its revenue from operations does CenterPoint expect that it will dedicate to internally funding investment over the next five years? Provide that information on an annual and aggregate basis.
- b. What percentage of its revenue from operations does CenterPoint expect that it will transfer to its parent company or affiliates over the next five years? Provide that information on an annual and aggregate basis.
- c. What percentage of its revenue from operations does CenterPoint expect that it will pay out to its investors over the next five years? Provide that information on an annual and aggregate basis.

ANSWER:

Note: this response assumes "revenue from operations" as operating cash flow.

- a. Please see attachment.
- b. Please see attachment.
- c. None of CenterPoint Houston Electric operating cash flow is paid to investors as it is a wholly owned subsidiary of its ultimate parent, CenterPoint Energy, Inc.

The attachment is confidential and is being provided pursuant to the Protective Order issued in Docket No. 56211.

SPONSOR:

Jackie Richert

RESPONSIVE DOCUMENTS:

TIEC-RFI01-28 (confidential).xlsx

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
PUC DOCKET NO. 56211
SOAH DOCKET NO. 473-24-13232**

**TEXAS INDUSTRIAL ENERGY CONSUMERS
REQUEST NO.: TIEC-RFI01-29**

QUESTION:

Please describe the magnitude and timing of any anticipated equity infusions from CNP that CenterPoint expects to receive over the next five years.

ANSWER:

Please see attachment.

The attachment is confidential and is being provided pursuant to the Protective Order issued in Docket No. 56211.

SPONSOR:

Jackie Richert

RESPONSIVE DOCUMENTS:

TIEC-RFI01-29 (confidential).xlsx

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
PUC DOCKET NO. 56211
SOAH DOCKET NO. 473-24-13232**

**TEXAS INDUSTRIAL ENERGY CONSUMERS
REQUEST NO.: TIEC-RFI01-30**

QUESTION:

Please describe the magnitude and timing of any anticipated debt issuances that CenterPoint expects to make over the next five years.

ANSWER:

Please see TIEC-RFI01-13.

SPONSOR:

Jackie Richert

RESPONSIVE DOCUMENTS:

None

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
PUC DOCKET NO. 56211
SOAH DOCKET NO. 473-24-13232**

**TEXAS INDUSTRIAL ENERGY CONSUMERS
REQUEST NO.: TIEC-RFI01-31**

QUESTION:

On page 24, lines 7-9, Ms. Richert says that in hypothetical inopportune market conditions, "CenterPoint Houston may not have adequate liquidity reserves, or parent support, to wait for improved market conditions." In a hypothetical situation where such conditions occurred today, how long does CenterPoint believe it could currently rely on its liquidity reserves or parent support while waiting for improved market conditions? Please explain the basis for your response.

ANSWER:

The exact timeline is unknown and is contingent on the pace of customer receipts, payments, and other factors such as activities that may impact the level or amount of parent support which it can inject.

SPONSOR:

Jackie Richert

RESPONSIVE DOCUMENTS:

None

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
PUC DOCKET NO. 56211
SOAH DOCKET NO. 473-24-13232**

**TEXAS INDUSTRIAL ENERGY CONSUMERS
REQUEST NO.: TIEC-RFI01-32**

QUESTION:

Which of the utilities listed in Ms. Bulkley's Exhibit AEB-14 are pure transmission and distribution utilities like CenterPoint?

ANSWER:

If "pure" is intended to mean that the company does not own any generation, then there is only one other company in the universe of electric utilities covered by Value Line that meets this criterion: Exelon Corporation. However, Exelon was excluded from the proxy group due to a recent dividend cut, which is inconsistent with the constant growth assumption in the DCF model.

SPONSOR:

Ann Bulkley

RESPONSIVE DOCUMENTS:

None

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
PUC DOCKET NO. 56211
SOAH DOCKET NO. 473-24-13232**

**TEXAS INDUSTRIAL ENERGY CONSUMERS
REQUEST NO.: TIEC-RFI01-33**

QUESTION:

Please refer to page 30 of Ms. Richert's testimony. Please explain why CenterPoint selected Fitch as the ratings agency that should no longer rate CenterPoint. Please provide any internal presentations or reports related to that decision. Please provide all communications between Ms. Richert and members of CenterPoint's and/or CNP's senior management related to that decision from January 1, 2023 through the present.

ANSWER:

The reasons as to why CenterPoint selected Fitch as the rating agency that should no longer rate CenterPoint are provided in Mr. Richert's direct testimony. Specifically, please see page 31, lines 1-3, which reference the Commission's final orders in Docket Nos. 49494, 51415 and 53719. There are no internal presentations or communications related to that decision from January 1, 2023 to the present to share.

SPONSOR:

Jackie Richert

RESPONSIVE DOCUMENTS:

None

CERTIFICATE OF SERVICE

I certify that on May 9, 2024, this document was filed with the Public Utility Commission of Texas in Docket No. 56211, and a true and correct copy of it was served by electronic mail on all parties of record in this proceeding in accordance with the Second Order Suspending Rules issued in Project No. 50664.



The following files are not convertible:

TIEC RFI01-12 CNP_22ALDR Load.xlsx
TIEC RFI01-12 CNP_23ALDR Load.xlsx
TIEC-RFI01-06.xlsx
TIEC-RFI01-11.xlsx
TIEC-RFI01-14.xlsx
TIEC-RFI01-22.xlsx
TIEC-RFI01-23.xlsx

Please see the ZIP file for this Filing on the PUC Interchange in order to access these files.

Contact centralrecords@puc.texas.gov if you have any questions.