

Ohio

Power Siting Board



Annual Report 2020

Ohio Power Siting Board 2020

OPSB Annual Report: 2020

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The Ohio Power Siting Board’s mission is to support sound energy policies that provide for the installation of energy capacity and transmission infrastructure for the benefit of Ohio citizens, promoting the state’s economic interests and protecting the environment and land use.

Chair's message

June 30, 2021

To Whom It May Concern:

As identified in Chapter 4906 of the Ohio Revised Code, the Ohio Power Siting Board (OPSB) must issue a certificate before the commencement of construction of a “major utility facility” or a wind turbine generator project having a capacity of 5 megawatts or more. The OPSB works diligently to review applications before it based on the statutory framework established by the Ohio Revised Code.

In accordance with R.C. 4906.03, this 2020 annual report provides information on 2020 revenues and expenses, as well as the 2020 voting and non-voting members of the OPSB. Also included is an overview of the statutory process that is followed to address applications for a certificate and the coding system used to distinguish between various types of certificate applications. The OPSB is funded through fees and does not obtain any revenue support from Ohio's general revenue fund (GRF).

Please do not hesitate to reach out to me with any questions about this report or the Ohio Power Siting Board.

Sincerely,

Jenifer French
OPSB Chair

OPSB Members

Voting Board Members



Jenifer French
Chair*
Public Utilities Commission of Ohio



Laurie Stevenson
Director
Ohio Environmental Protection Agency



Dorothy Pelanda
Director
Ohio Department of Agriculture



Lydia Mihalik
Director
Ohio Development Services Agency



Stephanie McCloud
Director
Ohio Department of Health



Mary Mertz
Director
Ohio Department of Natural Resources



Greg Murphy
Public Member

Non-voting Legislative Members



Senator Steve Wilson
Ohio Senate



Senator Sandra Williams
Ohio Senate



Representative Jeffrey Crossman
Ohio House of Representatives



Representative Nino Vitale
Ohio House of Representatives

*Sam Randazzo and M. Beth Trombold also served as chair for portions of 2020.

About the OPSB

About the Ohio Power Siting Board

The Ohio Power Siting Board (OPSB or Board) is comprised of 11 members. The seven voting members are: the chair of the Public Utilities Commission of Ohio (PUCO); the directors of the Ohio Environmental Protection Agency, the Ohio Development Services Agency, and the Ohio departments of Agriculture, Health and Natural Resources; and a public member. The public member, who must be an engineer, is appointed by the governor from a list of nominees submitted by the Ohio Consumers' Counsel. The four non-voting members are legislators, two from the Ohio House of Representatives and two from the Ohio Senate. The chair of the PUCO serves as the chair of the OPSB. The OPSB staff is drawn from the member agencies' staff and coordinates its work with other state and federal agencies with a stake in siting activities.

Siting major utility facilities in Ohio

Before construction can begin on any major utility facility or economically significant wind farm within the state of Ohio, a certificate of environmental compatibility and public need must be obtained from the OPSB. The Ohio Revised Code defines a major utility facility as an electric generating plant with a capacity of 50 megawatts (MW) or more; an electric transmission line and associated facilities of 100 kilovolts (kV) or more; or a gas pipeline that is greater than 500 feet in length, more than nine inches in outside diameter, and designed for transporting gas at a maximum allowable operating pressure in excess of 125 pounds per square inch (psi). The statute defines an economically significant wind farm as wind turbines and associated facilities with a single interconnection to the electric grid and designed for, or capable of, operation at an aggregate capacity of 5 or more MW but less than 50 MW.

Facilities under the OPSB's jurisdiction fall into one of three application categories based upon their size, purpose and operating characteristics: certificate application, letter of notification application or construction notice application.

Certificate applications, designated by the BGN (generator) or BTX (transmission) purpose code, are processed by the OPSB using the standard application process. These projects are typically larger facilities and include economically significant wind farms and most other electric generating facilities, as well as most electric transmission lines more than 2 miles in length and most gas pipelines more than 5 miles in length.

Letter of notification (BLN) and construction notice (BNR) applications are processed by the OPSB using the accelerated application process. These projects are typically smaller in size and are most often electric transmission lines of 2 miles or less and gas pipelines of 5 miles or less.

The standard and accelerated application processes are described on the following pages.

Application Process

Standard application process

Pre-application

Before filing a standard certificate application, the applicant may request a pre-application conference. The conference serves as an opportunity for clarification of the OPSB's rules and regulations, identification of potential problems with the project and notification of possible requests for waivers or departures from the OPSB's rules.

Public informational meeting

Prior to any formal filings, the applicant is required to hold a public informational meeting. This meeting provides an opportunity for public input and concerns to be gathered by the applicant to aid in preparing an application. This meeting, along with public notice, also serves to advise affected parties of the upcoming project.

The application

After holding the public informational meeting, the application for the proposed facility is filed with the OPSB. The application must describe the anticipated impacts of the facility on the surrounding area. Applications for electric transmission lines and gas pipelines must also include information on two routes and discuss the need for the facility. While one of the routes is designated "preferred" by the applicant, both routes must be viable. The preferred designation does not indicate any favor or prior approval of the Board.

Within 60 days of application receipt, the OPSB notifies the applicant as to whether or not the application complies with the statute and applicable OPSB rules sufficiently to continue with review of the application. If it does not, the application is found to be in noncompliance until the deficiencies are corrected. When the application is determined to be in compliance, it is served on public officials in the area of the project and delivered to the local public library. Legal notices are published in local newspapers. Also during this period, interested parties have the opportunity to be recognized as interveners in the case.

Staff report

The OPSB staff reviews the application and consults with other interested state and federal agencies. A staff report containing the staff's findings and recommendations is made available prior to the start of the hearings. This staff report becomes a part of the evidence in each case, but the Board is not bound by the staff's recommendations.

Hearings

Local public and adjudicatory hearings are held by the OPSB. The hearings enable citizens, interest groups and governmental entities to present testimony. An administrative law judge, who is an attorney, presides over the hearings in the capacity of a judge. A court reporter records all proceedings and testimony. Following the hearings, the Board makes its ruling based on the case record.

Rehearing and appeals

Once the Board issues its decision, parties may file for rehearing of the decision with the Board. Following the completion of the Board's rehearing process, decisions made by the Board may be appealed to the Supreme Court of Ohio.

Application Process

Accelerated application process

Letter of notification

The applicant must publish notice of a letter of notification application in local newspapers within seven days of filing and send a letter describing the proposed facility to each affected property owner and tenant. The applicant must also notify local governments in the project area, provide them with a copy of the application and provide a copy to the local library. Hearings are not required, but requests for intervention and formal comments are accepted within 10 days of the publication of notice in the newspaper. Informal written comments are accepted by the OPSB at any time.

Letter of notification applications are automatically approved no later than 90 days after the filing date of the application, unless suspended. An applicant may request that its application be expedited to 28 days. The OPSB reviews the application and consults with and solicits comments from other interested state and federal agencies. A staff report containing the staff's findings and recommendations is made available at least seven days prior to the automatic approval date. This staff report becomes a part of the evidence in the case, but the Board is not bound by the staff's recommendations.

Construction notice

Construction notice applications are automatically approved no later than 90 days after the filing date of the application, unless suspended, and may be expedited to 21 days. The applicant must notify local governments in the project area, provide them with a copy of the application, and provide a copy to the local library. Hearings typically are not required, but written comments are accepted by the OPSB at any time. A staff report containing the staff's findings and recommendations is made available at least seven days prior to the automatic approval date. This staff report becomes a part of the evidence in the case, but the Board is not bound by the staff's recommendations.

Case Code System

Cases filed with the OPSB are identified by a four-element coding system. The coding elements are: the year in which the case was filed, the sequence in the filing, the industry code and the purpose code. The industry code indicates the utility type involved in the case and the purpose code indicates the reason for which the case has been brought before the Board. For example, an electric generating facility developer applying for a certificate would be coded as follows:

20-0000-EL-BGN

year-sequence-industry-purpose

Industry codes

EL electric

GA gas

GE general

Purpose codes

BGN application for a certificate, generating station

BGA application to amend a certificate, generating station

BSB application for a certificate, substation

BTX application for a certificate, gas or electric transmission line

BTA application to amend a certificate, gas or electric transmission line

BLN letter of notification application

BNR construction notification report

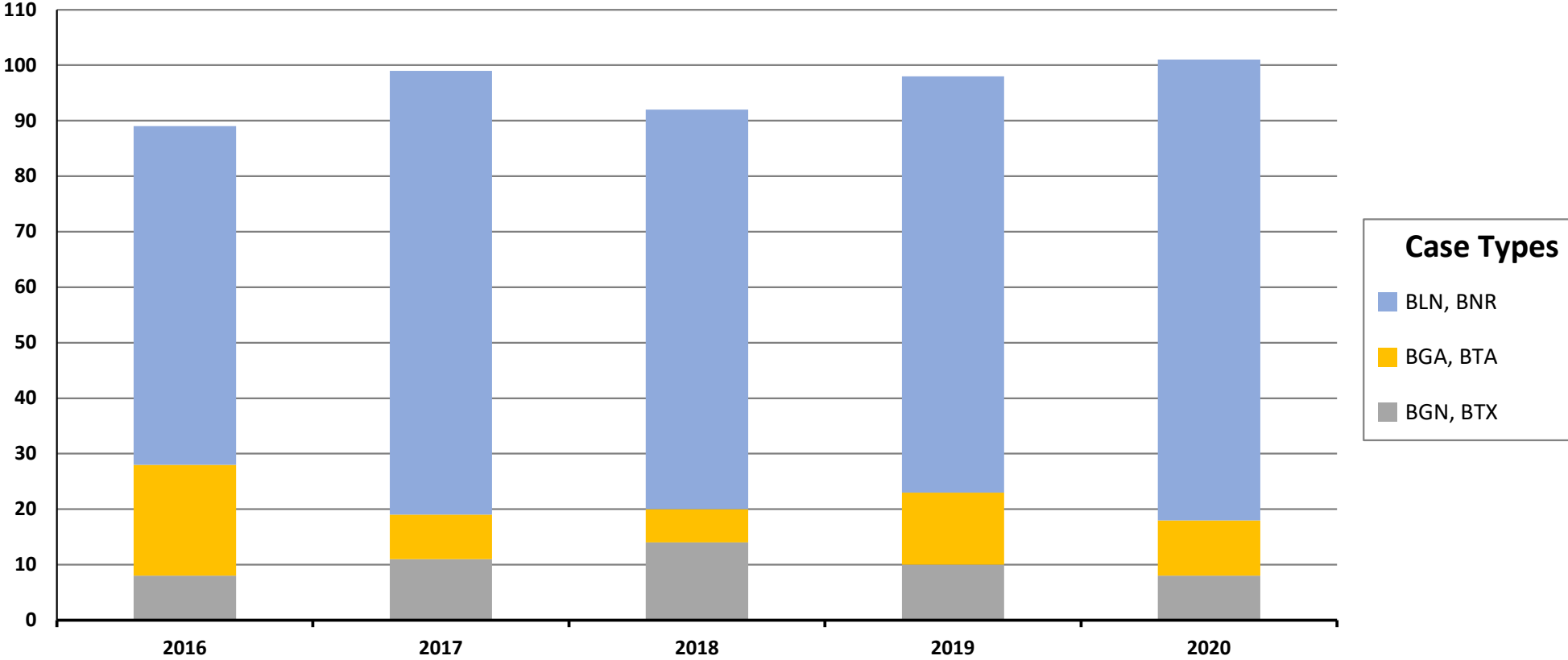
BRO rule promulgation

BIN study or investigation

BJF jurisdictional finding

All OPSB cases and related documents are available online on the [Docketing Information System \(DIS\)](#). DIS allows users to subscribe and receive notifications about specific cases as well as view daily reports and search previous cases.

Staff Reports Issued



Expenses and Receipts

The Ohio Administrative Code establishes a framework under which the OPSB charges applicants for the costs of conducting investigations and reviewing applications for major utility facilities. The expenses associated with the OPSB's analysis, processing and monitoring of applications are paid by the applicant in each case.

Standard applications

At the end of the calendar year in which a certificate is issued, the OPSB conducts a review to determine if the application filing fee was adequate. If the fee was inadequate, the OPSB invoices the applicant for the amount of the shortage, and does so annually thereafter until the project is completed. Final reconciliation, including refunds, is done in the calendar year in which the applicant notifies the OPSB that the project has been completed.

Accelerated applications

The OPSB expenses for the processing of letter of notification and construction notice applications are invoiced to the applicant at cost based upon expenses accrued in each case. An applicant requesting expedited processing of a letter of notification or construction notice must pay a fee of \$2,000 due at the time of the filing.

Please refer to the 2020 Expenses and 2020 Receipts sections of this report for a detailed accounting of OPSB expenditures and fees collected.

2020 Expenses

Case type	Case number	Project name	Expenditures
Generating facility application	18-1607-EL-BGN	Emerson Creek Wind Farm	\$ 70,232.43
Generating facility application	17-2295-EL-BGN	Republic Wind Farm	\$ 44,943.08
Generating facility application	19-1641-EL-BGN	The Ohio State University CHP Facility	\$ 42,002.57
Generating facility application	19-1823-EL-BGN	Big Plain Solar	\$ 24,743.39
Generating facility application	20-0972-EL-BGN	Yellowbud Solar	\$ 24,439.74
Generating facility application	19-1880-EL-BGN	Atlanta Farms Solar	\$ 22,636.55
Generating facility application	16-1871-EL-BGN	Icebreaker Wind Facility	\$ 21,086.78
Generating facility application	20-0979-EL-BGN	Arche Energy Project, LLC	\$ 15,416.18
Accelerated letter of notification	19-2148-GA-BLN	Marysville Connector Pipeline	\$ 13,074.69
Generating facility application	18-1578-EL-BGN	Alamo Solar Farm	\$ 12,609.74
Generating facility application	19-1881-EL-BGN	Madison Fields Solar Farm	\$ 11,506.79
Electric transmission application	19-1066-EL-BTX	Republic Wind Transmission Facility	\$ 10,782.28
Amendment application	20-1321-EL-BGA	Hardin Solar Energy II, Amendment	\$ 10,171.55
Generating facility application	20-1288-EL-BGN	New Market Solar	\$ 9,878.33
Electric transmission application	19-1073-EL-BTX	Firelands Wind Transmission Line	\$ 9,803.70
Generating facility application	09-0479-EL-BGN	Hardin Wind Farm	\$ 8,785.85
Amendment application	20-1392-GA-BTA	C314V Central Corridor Pipeline Amendment I	\$ 8,173.78
Generating facility application	18-1579-EL-BGN	Angelina Solar Facility	\$ 6,738.20
Accelerated letter of notification	20-0909-EL-BLN	Culbertson 138 kV Transmission Line Extension	\$ 6,340.58
Generating facility application	20-0931-EL-BGN	Fox Squirrel Solar Project	\$ 5,656.69
Accelerated letter of notification	20-1176-EL-BLN	Highland-GM 138 kV Loop to Magellan Substation	\$ 5,444.86
Amendment application	19-2124-EL-BTA	Pine Ridge Switch-Heppner 138 kV Line Amendment II	\$ 4,775.89
Accelerated letter of notification	20-1432-EL-BLN	Ashtabula-Pinney Dock 138 kV T-Line Project	\$ 4,767.60
Accelerated letter of notification	20-0389-EL-BLN	Bethel-Sawmill 138 kV Transmission Line Project	\$ 4,713.80

2020 Expenses

Case type	Case number	Project name	Expenditures
Generating facility application	17-1152-EL-BGN	Hillcrest Solar Farm	\$ 4,590.24
Accelerated letter of notification	19-1987-EL-BLN	Clinton County (Duke)-Hillsboro 138 kV Line Project	\$ 4,573.32
Gas transmission application	16-0253-GA-BTX	Ohio Central Corridor Extension	\$ 4,546.91
Accelerated letter of notification	20-1102-EL-BLN	Kammer-Ormet (1-2) 138 kV T-Line Extension	\$ 4,498.34
Accelerated construction notices	20-0064-EL-BNR	Mitchell Ave Pole Replacement Project	\$ 4,430.29
Accelerated letter of notification	19-1857-EL-BLN	Hanna-Newton Falls 138 kV T-Line Rebuild	\$ 4,325.83
Electric transmission application	20-0004-EL-BTX	Beaver-Wellington 138 kV Transmission Line Project	\$ 4,067.84
Accelerated construction notices	20-0347-EL-BNR	Maineville Substation Expansion	\$ 3,995.53
Generating facility application	18-1546-EL-BGN	Nestlewood Solar Facility	\$ 3,987.09
Generating facility application	20-1084-EL-BGN	Powell Creek Solar	\$ 3,515.77
Accelerated construction notices	20-0262-EL-BNR	Pierce Substation Expansion Project	\$ 3,426.41
Generating facility application	18-0091-EL-BGN	Paulding Wind Farm IV	\$ 3,417.63
Gas transmission application	20-1236-GA-BTX	Northern Columbus Loop Phase VII	\$ 3,290.32
Accelerated letter of notification	19-1765-EL-BLN	Napoleon-Richland-Stryker 138 kV Open Arm Project	\$ 3,143.49
Accelerated letter of notification	20-0946-EL-BLN	Amlin-Dublin 138 kV Transmission Line Project	\$ 3,109.06
Amendment application	20-0033-EL-BGA	Guernsey Power Station Amendment II	\$ 3,036.27
Accelerated letter of notification	20-1495-EL-BLN	Seaman-Adams 138 kV Transmission Line Rebuild	\$ 2,949.08
Accelerated letter of notification	20-1026-EL-BLN	South Canton 765 kV Station Expansion	\$ 2,918.07
Generating facility application	20-1380-EL-BGN	Ross County Solar	\$ 2,710.97
Amendment application	19-2024-EL-BTA	Vigo-Pine Ridge Switch 138 kV Line Amendment II	\$ 2,556.95
Amendment application	20-0145-EL-BTA	Buckley Road-Fremont Center Amendment II	\$ 2,342.05
Amendment application	19-1866-EL-BTA	Ginger Switch-Vigo 138 kV Line Amendment I	\$ 2,335.83
Accelerated letter of notification	19-1974-EL-BLN	Brookside-Sawmill 138 kV Transmission Line Project	\$ 2,310.04
Accelerated letter of notification	19-1337-EL-BLN	Fostoria/Lemoyne/Fremont & Woodville Sub Upgrade	\$ 2,243.04
Accelerated letter of notification	20-0134-EL-BLN	Cumminsville 5B Rebuild Project	\$ 2,236.15

2020 Expenses

Case type	Case number	Project name	Expenditures
Generating facility application	20-1605-EL-BGN	Birch Solar	\$ 2,234.80
Accelerated construction notices	20-0135-EL-BNR	Ottawa-West Fremont 138 kV Switch Replacement	\$ 2,096.20
Accelerated construction notices	20-1487-EL-BNR	Pierce Substation/Transmission Line Project	\$ 1,984.42
Generating facility application	20-0417-EL-BGN	Grover Hill Wind Farm	\$ 1,952.69
Accelerated letter of notification	19-1742-GA-BLN	Long Ridge Main Line	\$ 1,940.28
Accelerated construction notices	20-0006-EL-BNR	Devola-Gorsuch 138 kV Transmission Line Project #2	\$ 1,919.17
Accelerated letter of notification	20-0583-EL-BLN	Hayden Transmission Station Expansion Project	\$ 1,843.26
Accelerated construction notices	20-1075-EL-BNR	Juniper 138 kV Structure Additions	\$ 1,834.80
Accelerated letter of notification	19-2119-EL-BLN	Babbitt 345/138 kV Station Project	\$ 1,834.55
Accelerated construction notices	20-1183-EL-BNR	Hyatt - Genoa 138 kV Line (Structures 71-72)	\$ 1,774.82
Accelerated letter of notification	19-2156-GA-BLN	Augusta Compressor Station	\$ 1,741.56
Accelerated construction notices	20-0598-EL-BNR	Crissinger-Tangy 138 kV T- Line Switch Replacement	\$ 1,720.27
Generating facility application	13-1177-EL-BGN	Scioto Ridge Wind Farm	\$ 1,697.26
Accelerated letter of notification	19-2163-EL-BLN	Dicks Creek Generation Station and Sub Separation	\$ 1,650.99
Accelerated letter of notification	20-0346-EL-BLN	Port Union to Mulhauser Rebuild Project	\$ 1,627.53
Accelerated letter of notification	20-0788-EL-BLN	Guernsey 765 kV Transmission Line Extension	\$ 1,590.44
Accelerated letter of notification	20-0013-EL-BLN	NSG Glass North America Tap Project	\$ 1,582.60
Accelerated letter of notification	20-0048-GA-BLN	Round Bottom road Improvement Project	\$ 1,552.19
Accelerated letter of notification	20-1363-EL-BLN	Eber-Swanton 138 kV 2nd Tap to Johnson Controls	\$ 1,529.74
Accelerated construction notices	20-0668-EL-BNR	Beatty Station Expansion Project	\$ 1,522.86
Accelerated construction notices	20-0377-EL-BNR	Vine-City of Columbus West 138 kV Pole Replacement	\$ 1,517.58
Accelerated construction notices	20-1373-EL-BNR	Levis Park-Midway 138 kV T-Line Switch Replacement	\$ 1,513.55
Accelerated construction notices	20-1474-EL-BNR	Licking Co-Op: Bladensburg 138 kV T-line	\$ 1,468.36
Accelerated construction notices	20-0787-EL-BNR	Kammer-Dumont 765 kV Transmission Line Cut-In	\$ 1,458.15
Generating facility application	15-1716-EL-BGN	South Field Natural Gas Generation Project	\$ 1,393.53

2020 Expenses

Case type	Case number	Project name	Expenditures
Accelerated construction notices	20-0365-EL-BNR	Shawtown Switch-Hancock Wood Co-Op 138 kV T-Line	\$ 1,384.92
Accelerated letter of notification	20-1459-EL-BLN	New Ashland Substation	\$ 1,357.36
Accelerated construction notices	20-1449-EL-BNR	Marysville-Peoria 345 kV T-Line Project	\$ 1,274.29
Accelerated letter of notification	19-1939-EL-BLN	Perry-Ashtabula-Erie 345 kV Rebuild/Sub. Expansion	\$ 1,270.95
Accelerated construction notices	20-1741-EL-BNR	Angelina Solar I - Interconnection Point	\$ 1,259.13
Accelerated letter of notification	20-1257-EL-BLN	Corridor Station; 138 kV Line Entrance Span Modific	\$ 1,235.26
Accelerated construction notices	19-2138-EL-BNR	Cloverdale-Torrey 138 kV Transmission Line Tap	\$ 1,168.78
Accelerated letter of notification	20-1277-EL-BLN	Licking Co-Op Extension Apple Valley 138 kV Line	\$ 1,144.92
Accelerated construction notices	20-1551-EL-BNR	Clark-East Springfield 138 kV Switch Replacement	\$ 1,142.36
Accelerated construction notices	20-1555-EL-BNR	Babb-Evans 138 kV Loop to Aetna Substation	\$ 1,136.23
Accelerated construction notices	19-1347-EL-BNR	Miami to New Carlisle 138 kV	\$ 1,131.28
Generating facility application	20-1362-EL-BGN	Clearview Solar I	\$ 1,124.11
Accelerated construction notices	20-1647-EL-BNR	Juniper Structure Replacements (Tinkers Creek)	\$ 1,115.00
Accelerated construction notices	20-1473-EL-BNR	Wakatomika 138 kV Switch Project	\$ 1,113.80
Accelerated construction notices	19-1830-EL-BNR	Fostoria-East Lima 138 kV Transmission Line Prop Project	\$ 1,087.57
Accelerated construction notices	20-0845-EL-BNR	Millcreek 138 kV Extension Project	\$ 1,073.37
Accelerated construction notices	19-2117-GA-BNR	Genoa and Longview 12 Inch High Pressure Pipeline	\$ 1,069.15
Accelerated letter of notification	20-0531-EL-BLN	Kirk-Jug Street 345 kV Extension Project	\$ 1,041.30
Accelerated construction notices	20-0031-EL-BNR	Hutchings to Sugarcreek 138 kV Tap	\$ 1,040.31
Accelerated construction notices	20-1457-EL-BNR	Dixie Substation Expansion Project	\$ 1,006.51
Accelerated construction notices	20-1608-EL-BNR	Sporn-Kyger Creek 345 kV Pole Installation Project	\$ 992.22
Accelerated letter of notification	20-0952-EL-BLN	Lockbourne 138 kV Station Project	\$ 991.81
Accelerated letter of notification	19-1941-EL-BLN	Hutchings Tap-Middleboro Switch 138 kV Line and Mid	\$ 975.54
Amendment application	20-1278-EL-BTA	Ginger Switch-Vigo 138 kV - Amendment II	\$ 964.42
Accelerated letter of notification	20-0542-EL-BLN	Culbertson 138 kV Station Project	\$ 939.69

2020 Expenses

Case type	Case number	Project name	Expenditures
Generating facility application	20-1679-EL-BGN	Pleasant Prairie Solar Energy	\$ 909.11
Generating facility application	20-1405-EL-BGN	AEUG Union Solar	\$ 901.29
Accelerated letter of notification	20-1019-EL-BLN	Cole Amlin 138 kV Transmission Line Relocation Project	\$ 870.97
Accelerated letter of notification	20-1223-EL-BLN	Hyatt Delaware 138 kV Rebuild Project	\$ 861.10
Amendment application	20-1279-EL-BTA	Rouse-Bell Ridge 138 kV - Amendment II	\$ 854.90
Accelerated letter of notification	20-1308-EL-BLN	Poston-Elliott 138 kV Structure Relocation Project	\$ 844.13
Amendment application	19-1889-EL-BTA	Seaman-Sardinia 138 kV Line Amendment II	\$ 829.91
Accelerated construction notices	20-1516-EL-BNR	Hannibal-Ormet North 138 kV T-Line Project	\$ 819.18
Generating facility application	16-2443-EL-BGN	Guernsey Power Station	\$ 817.20
Accelerated construction notices	17-2015-EL-BNR	Harper/West Akron/Pleasant Valley Q-22 Structure	\$ 810.38
Accelerated construction notices	18-0926-EL-BNR	Dobbins-Toronto 138 kV Structure Replacement	\$ 809.11
Accelerated construction notices	20-1353-EL-BNR	Apple Valley 138 kV Switch Project	\$ 801.75
Accelerated construction notices	20-0710-EL-BNR	East Lima-Maddox Creek 345 kV Transmission Line	\$ 787.05
Accelerated construction notices	19-1919-EL-BNR	City Of Hamilton Substation Circuit Relocation	\$ 784.16
Accelerated construction notices	20-0614-EL-BNR	Hillcrest Solar 138 kV Transmission Line Project	\$ 783.60
Electric transmission application	17-2084-EL-BTX	Harrison Power 138 kV T-Line	\$ 762.99
Generating facility application	18-1360-EL-BGN	Hardin Solar Energy II	\$ 760.50
Accelerated construction notices	20-0955-EL-BNR	Philo-Torrey 138 kV Transmission Line	\$ 760.12
Accelerated construction notices	17-2013-EL-BNR	Juniper-Newburgh 138 kV Structure Replacements	\$ 759.36
Accelerated construction notices	20-0953-GA-BNR	Superior Dairy Pipeline Relocation Project	\$ 759.23
Accelerated construction notices	19-2011-EL-BNR	Mayfield-Eastlake 138 kV Tap to Nathan Substation	\$ 757.97
Accelerated construction notices	20-1142-EL-BNR	Morse Road - Genoa 138 kV Line (Structures 1-4)	\$ 746.70
Accelerated construction notices	20-1600-EL-BNR	Defiance SW (Richland) 138 kV Switch Replacement	\$ 743.25
Gas transmission application	20-1411-GA-BTX	Bethel-Batavia Pipeline	\$ 707.90

2020 Expenses

Case type	Case number	Project name	Expenditures
Accelerated letter of notification	16-0074-EL-BLN	Timber Switch-Haviland 138 kV Transmission Line	\$ 700.57
Accelerated construction notices	18-0515-GA-BNR	PIR 2428 Pipeline - Woodside Drive (P400132565)	\$ 700.57
Accelerated letter of notification	19-1822-EL-BLN	Clay Substation Project	\$ 692.42
Accelerated letter of notification	20-1452-EL-BLN	Lockbourne Extension 138 kV T-Line Project	\$ 667.90
Accelerated construction notices	20-1436-EL-BNR	Defiance SW (Richland) 138 kV Relocation	\$ 655.68
Generating facility application	20-1680-EL-BGN	Yellow Wood Solar Energy	\$ 654.91
Accelerated construction notices	17-1151-EL-BNR	Emily-Fox Q-14 138 kV Transmission Line Relocation	\$ 637.77
Accelerated construction notices	20-0709-EL-BNR	Conesville Transmission Station Expansion Project	\$ 628.90
Accelerated construction notices	20-1204-GA-BNR	The Energy Cooperative - State Route 13 (Line 3-C)	\$ 626.35
Accelerated construction notices	17-2337-GA-BNR	PIR 2364 Pipeline Replacement Project	\$ 613.00
Accelerated construction notices	17-2473-EL-BNR	Aetna/Babb 138 kV Structure Replacement	\$ 613.00
Accelerated construction notices	20-1654-EL-BNR	Angola-Midway 138 kV Transmission Line Relocation	\$ 613.00
Accelerated letter of notification	16-1530-EL-BLN	West Mount Vernon-Heading 138 kV Transmission Line	\$ 595.25
Generating facility application	20-1677-EL-BGN	Cadence Solar Energy	\$ 563.13
Accelerated construction notices	20-1414-EL-BNR	Harrison Station Expansion Project	\$ 544.37
Accelerated letter of notification	19-1471-EL-BLN	Elmwood Place I-75 Widening Transmission Project	\$ 543.77
Accelerated letter of notification	16-1531-EL-BLN	Heading-Fulton 138 kV Transmission Line Rebuild	\$ 525.43
Accelerated construction notices	17-2375-GA-BNR	PIR #792 Richmond Road City of Beachwood	\$ 525.43
Electric transmission application	19-1871-EL-BTX	Lincoln Park-Riverbend 138 kV Transmission Line	\$ 515.29
Accelerated letter of notification	18-0226-EL-BLN	Clark-Greene/Clark-East Springfield 138 kV Rebuild	\$ 512.76
Electric transmission application	18-1259-EL-BTX	West Milton-Eldean 138 kV Transmission Line	\$ 503.52
Electric transmission application	20-1306-EL-BTX	Marion Road-Mound Street 138 kV T-Line	\$ 497.49
Electric transmission application	17-0638-EL-BTX	Ginger Switch - Vigo 138 kV Transmission Line	\$ 490.25
Accelerated construction notices	20-1351-EL-BNR	Hamilton Sub 5, Pole Placement (017-01465-00)	\$ 484.90
Accelerated construction notices	20-1609-EL-BNR	Bethel-Sawmill 138 kV Pole Installation Project	\$ 484.18

2020 Expenses

Case type	Case number	Project name	Expenditures
Accelerated construction notices	20-1136-EL-BNR	Bell Ridge 138 kV Switch Project	\$ 483.00
Generating facility application	20-1529-EL-BGN	Wheatsborough Solar	\$ 481.09
Accelerated letter of notification	19-1631-EL-BLN	Bath-Trebein 138 kV Transmission Line	\$ 464.95
Generating facility application	20-1612-EL-BGN	Mark Center Solar Project	\$ 459.24
Accelerated letter of notification	17-0811-EL-BLN	Tidd-Wagenhals 138 kV Transmission Line Extension	\$ 454.94
Generating facility application	13-0197-EL-BGN	Trishe Wind Farm	\$ 447.61
Accelerated construction notices	20-0008-EL-BNR	13803 Line GTL Phase 3 Project	\$ 445.91
Accelerated construction notices	18-0256-EL-BNR	East Lima-Marysville 345 kV Transmission Line Extension	\$ 437.86
Accelerated construction notices	20-1275-EL-BNR	Construction Notice for the Waverly-Lick 138 kV Pole	\$ 431.30
Accelerated construction notices	18-1401-EL-BNR	Delta-Wauseon 138 kV Tap to Metal X (ATSI)	\$ 427.72
Accelerated construction notices	18-1402-EL-BNR	Delta-Wauseon 138 kV Tap to Metal X (TE)	\$ 427.72
Accelerated letter of notification	20-0543-GA-BLN	Round Bottom Road Improvement Project	\$ 401.22
Accelerated letter of notification	16-1981-EL-BLN	Broadview Substation Expansion Project	\$ 383.94
Accelerated letter of notification	16-0020-EL-BLN	Poston-Lick 138 kV Transmission Line Rebuild	\$ 381.56
Accelerated letter of notification	17-1091-EL-BLN	Long Ridge Energy Generating Project	\$ 367.60
Accelerated construction notices	20-0938-EL-BNR	Hillcrest Solar Interconnect Project	\$ 364.76
Electric transmission application	18-1335-EL-BTX	Wood County 138 kV Reinforcement Project	\$ 362.54
Accelerated letter of notification	18-1601-GA-BLN	Ironville Lateral	\$ 356.18
Accelerated construction notices	18-0864-EL-BNR	Cardington-Galion 138 kV T-Line Raising	\$ 350.29
Accelerated letter of notification	17-2386-EL-BLN	Clark-Urbana 138 kV Loop Centerline Adjustment	\$ 298.90
Generating facility application	14-2322-EL-BGN	Lordstown Energy Center	\$ 295.82
Generating facility application	19-1831-EL-BGN	Seneca Wind	\$ 293.16
Accelerated construction notices	17-1288-EL-BNR	Tangy Substation Expansion	\$ 257.65
Accelerated construction notices	18-0735-EL-BNR	Tangy Substation Expansion Project	\$ 257.65
Accelerated letter of notification	16-2282-EL-BLN	Clark-Urbana 138 kV Loop to Broadview Substation	\$ 255.11

2020 Expenses

Case type	Case number	Project name	Expenditures
Accelerated construction notices	17-1098-EL-BNR	Willow Island Mill Creek 138 kV Transmission Line	\$ 249.49
Accelerated letter of notification	17-1777-EL-BLN	Blue Racer-Texas Eastern Berne 138 kV Transmission	\$ 249.49
Generating facility application	20-1757-EL-BGN	Union Ridge Solar	\$ 228.20
Generating facility application	20-1762-EL-BGN	Sycamore Creek Solar	\$ 227.94
Accelerated construction notices	19-2034-EL-BNR	Buell 138 kV Extension Structure Change Project	\$ 211.89
Accelerated letter of notification	16-1522-EL-BLN	Delano-Scioto Trail 138 kV Transmission Line Relocation	\$ 200.65
Accelerated construction notices	17-2077-EL-BNR	Softail Switch 138 kV Transmission Line Extension	\$ 200.65
Accelerated letter of notification	17-2109-EL-BLN	Trimble 138 kV Transmission Line Extension	\$ 198.12
Accelerated construction notices	19-0149-EL-BNR	Q-3 & Q-4 138 kV Taps to Nathan Substation	\$ 197.43
Generating facility application	17-0773-EL-BGN	Hardin Solar Energy	\$ 196.70
Accelerated letter of notification	17-1318-EL-BLN	Carrollton-Sunnyside 138 kV Transmission Line Rebuild	\$ 192.29
Accelerated letter of notification	16-1523-EL-BLN	Corner-Parkersburg 138 kV Transmission Line Rebuild	\$ 191.92
Electric transmission application	16-0702-EL-BTX	Macksburg-Devola 138 kV Transmission Line Rebuild	\$ 186.46
Amendment application	19-1473-EL-BTA	Bell Ridge-Devola Amendment I	\$ 184.03
Accelerated letter of notification	16-1486-EL-BLN	Poston-Good Hope 138 kV Transmission Line Rebuild	\$ 178.09
Accelerated letter of notification	16-1770-EL-BLN	Poston-Good Hope 138 kV Transmission Line Rebuild	\$ 178.09
Accelerated construction notices	19-0135-GA-BNR	PIR 567 - Front Street Pipeline Replacement	\$ 163.84
Accelerated letter of notification	15-0681-EL-BLN	Delano-Scioto Trail 138 kV Transmission Line Rebuild	\$ 160.52
Accelerated construction notices	19-2134-EL-BNR	Juniper-Pleasant Valley Q1 & Q2 138 kV Transmission	\$ 156.72
Accelerated letter of notification	18-1389-EL-BLN	Howard-Fostoria and Howard-Bucyrus Center 138 kV T-Line	\$ 154.91
Amendment application	19-1741-EL-BTA	Glencoe-Speidel Amendment I	\$ 154.91
Accelerated letter of notification	19-0025-GA-BLN	Z50E Pipeline Replacement	\$ 136.36
Accelerated letter of notification	17-0328-GA-BLN	Line D000B Natural Gas Pipeline Replacement	\$ 135.35
Accelerated letter of notification	17-2057-EL-BLN	3885 - 138 kV East Provident Loop	\$ 135.35
Accelerated letter of notification	17-2500-EL-BLN	5680-138 kV Nickel to Warren	\$ 135.35

2020 Expenses

Case type	Case number	Project name	Expenditures
Accelerated construction notices	18-0498-GA-BNR	Line A000B Pipeline Replacement	\$ 135.35
Accelerated construction notices	18-0694-EL-BNR	138 kV Hutchings to College Corner Tower Relocation	\$ 135.35
Accelerated construction notices	16-1667-EL-BNR	North Proctorville Expansion Project	\$ 132.30
Accelerated construction notices	20-1710-EL-BNR	Chamberlin-Substation 138 kV Strain Bus Structure	\$ 131.36
Accelerated letter of notification	20-1439-EL-BLN	Culbertson 138 kV Transmission Line Extension	\$ 129.70
Accelerated letter of notification	16-1526-EL-BLN	Tidd-Gable 138 kV Transmission Line Project	\$ 127.95
Accelerated letter of notification	16-1994-EL-BLN	Freebyrd-South Cadiz 138 kV Transmission Line Rebuild	\$ 127.95
Accelerated construction notices	17-1973-GA-BNR	PIR 778 Greentree Avenue Project	\$ 127.95
Electric transmission application	17-1907-EL-BTX	Bell Ridge-Devola 138 kV Transmission Line Project	\$ 114.16
Accelerated letter of notification	18-0054-GA-BLN	Delmar Pipeline Extension	\$ 106.85
Generating facility application	16-2444-EL-BGN	Trumbull Energy Center	\$ 96.89
Accelerated construction notices	17-1352-EL-BNR	East Broad Street-Kirk 138 kV Transmission Line Extension	\$ 88.06
Accelerated letter of notification	14-1717-GA-BLN	NRG Pipeline - Avon Lake Facility	\$ 87.57
Generating facility application	20-1678-EL-BGN	Hardin Solar Energy III	\$ 86.47
Accelerated letter of notification	18-1794-EL-BLN	Seneca Wind Gen-Tie	\$ 85.04
Accelerated letter of notification	19-0455-EL-BLN	Eastlake-Leroy Center 138 kV Transmission Loops	\$ 85.04
Accelerated construction notices	17-1944-GA-BNR	PIR 620 Distribution Line Replacement	\$ 83.92
Accelerated construction notices	18-1110-GA-BNR	Extension of PIR 620 , MWO# 63373505	\$ 83.92
Accelerated construction notices	20-1663-EL-BNR	Lockbourne South Central Power 138 kV Tie	\$ 70.83
Accelerated construction notices	18-1799-EL-BNR	Devola-Gorsuch 138 kV Transmission Line Extension	\$ 64.97
Accelerated construction notices	15-1819-EL-BNR	US Steel 138 kV Transmission Line	\$ 58.44
Accelerated construction notices	18-1710-EL-BNR	Muskingum River Reconductor	\$ 58.44
Accelerated letter of notification	19-0048-EL-BLN	Garver Substation Expansion	\$ 58.44
Amendment application	19-1780-EL-BTA	Buckley Road-Fremont Center 138 kV Line Amend. I	\$ 53.32
Accelerated construction notices	20-1339-EL-BNR	Eber-Swanton 138 kV Tap - Johnson Controls	\$ 43.79

2020 Expenses

Case type	Case number	Project name	Expenditures
Electric transmission application	17-0637-EL-BTX	Ross - Ginger Switch 138 kV Transmission Line	\$ 42.38
Generating facility application	18-1334-EL-BGN	Hecate Energy Highland Solar Farm	\$ 39.95
Generating facility application	13-0990-EL-BGN	Crossroads Wind Power	\$ 35.62
Accelerated construction notices	15-1574-EL-BNR	West Milton Substation Expansion	\$ 35.52
Accelerated letter of notification	18-1800-EL-BLN	Devola-Mill Creek 138 kV Transmission Line	\$ 35.49
Accelerated construction notices	19-1346-EL-BNR	West Milton Substation Expansion	\$ 35.17
Accelerated construction notices	19-1142-EL-BNR	Shelby-Amsterdam 138 kV Switch Project	\$ 19.48
Accelerated letter of notification	17-0813-EL-BLN	Ware Road-Seaman 138 kV Transmission Line Rebuild	\$ 15.23
Accelerated construction notices	18-1593-EL-BNR	138 kV/345 kV Mill Creek Remediation	\$ 11.69

Case type	Expenditure totals
Accelerated construction notices	\$ 71,286.76
Accelerated letter of notification	\$ 105,782.37
Amendment application	\$ 36,433.81
Electric transmission application	\$ 28,128.90
Gas transmission application	\$ 8,545.13
Generating facility application	\$ 354,795.24
Grand total	\$ 604,972.21

2020 Receipts

Case type	Case number	Project name	Revenue
Generating facility application	20-0972-EL-BGN	Yellowbud Solar	\$ 137,000.00
Generating facility application	19-1880-EL-BGN	Atlanta Farms Solar	\$ 99,800.00
Generating facility application	19-1823-EL-BGN	Big Plain Solar	\$ 98,000.00
Generating facility application	19-1881-EL-BGN	Madison Fields Solar Farm	\$ 90,000.00
Generating facility application	17-2295-EL-BGN	Republic Wind Farm	\$ 78,449.62
Generating facility application	20-0979-EL-BGN	Arche Energy Project, LLC	\$ 53,500.00
Generating facility application	19-1641-EL-BGN	The Ohio State University CHP Facility	\$ 52,750.00
Generating facility application	20-1288-EL-BGN	New Market Solar	\$ 50,000.00
Generating facility application	18-1578-EL-BGN	Alamo Solar Farm	\$ 30,932.19
Accelerated letter of notification	19-2148-GA-BLN	Marysville Connector Pipeline	\$ 13,074.66
Generating facility application	13-0990-EL-BGN	Crossroads Wind Power	\$ 12,038.28
Accelerated construction notices	20-0953-GA-BNR	Superior Dairy Pipeline Relocation Project	\$ 4,759.23
Accelerated construction notices	20-0064-EL-BNR	Mitchell Ave Pole Replacement Project	\$ 4,401.25
Accelerated letter of notification	19-1857-EL-BLN	Hanna-Newton Falls 138 kV Transmission Line Rebuil	\$ 3,852.17
Accelerated letter of notification	19-2163-EL-BLN	Dicks Creek Generation Station and Sub Separation	\$ 3,651.01
Accelerated letter of notification	20-0013-EL-BLN	NSG Glass North America Tap Project	\$ 3,582.60
Accelerated letter of notification	19-1765-EL-BLN	Napoleon-Richland-Stryker 138 kV Open Arm Project	\$ 3,380.07
Accelerated construction notices	19-2138-EL-BNR	Cloverdale-Torrey 138 kV Transmission Line Tap	\$ 3,168.78
Accelerated construction notices	20-0031-EL-BNR	Hutchings to Sugarcreek 138 kV Tap	\$ 3,040.30
Electric transmission application	12-1636-EL-BTX	Hayes- West Fremont 138 kV T-Line Project	\$ 2,620.12
Accelerated construction notices	20-0008-EL-BNR	13803 Line GTL Phase 3 Project	\$ 2,445.92
Accelerated letter of notification	19-1337-EL-BLN	Fostoria/Lemoyne/Fremont & Woodville Sub Upgrade	\$ 2,243.01

2020 Receipts

Case type	Case number	Project name	Revenue
Accelerated letter of notification	20-0007-EL-BLN	Morgan T-Line Separation Project	\$ 2,000.00
Accelerated letter of notification	20-0048-GA-BLN	Round Bottom road Improvement Project	\$ 2,000.00
Accelerated construction notices	20-0135-EL-BNR	Ottawa-West Fremont 138 kV Switch Replacement	\$ 2,000.00
Accelerated construction notices	20-0347-EL-BNR	Maineville Substation Expansion	\$ 2,000.00
Accelerated construction notices	20-0377-EL-BNR	Vine-City of Columbus West 138 kV Pole Replacement	\$ 2,000.00
Accelerated construction notices	20-0614-EL-BNR	Hillcrest Solar 138 kV Transmission Line Project	\$ 2,000.00
Accelerated construction notices	20-0709-EL-BNR	Conesville Transmission Station Expansion Project	\$ 2,000.00
Accelerated letter of notification	20-1176-EL-BLN	Highland-GM 138 kV Loop to Magellan Substation	\$ 2,000.00
Accelerated letter of notification	20-1363-EL-BLN	Eber-Swanton 138 kV 2nd Tap to Johnson Controls	\$ 2,000.00
Accelerated construction notices	20-1373-EL-BNR	Levis Park-Midway 138 kV T-Line Switch Replacement	\$ 2,000.00
Accelerated construction notices	20-1487-EL-BNR	Pierce Substation/Transmission Line Project	\$ 2,000.00
Accelerated letter of notification	20-1495-EL-BLN	Seaman-Adams 138 kV Transmission Line Rebuild	\$ 2,000.00
Accelerated construction notices	20-1609-EL-BNR	Bethel-Sawmill 138 kV Pole Installation Project	\$ 2,000.00
Accelerated construction notices	20-1741-EL-BNR	Angelina Solar I - Interconnection Point	\$ 2,000.00
Accelerated letter of notification	20-1778-EL-BLN	Pierce Substation T-Line F4502 Relocation	\$ 2,000.00
Accelerated letter of notification	19-1939-EL-BLN	Perry-Ashtabula-Erie 345 kV Rebuild/Sub. Expansion	\$ 1,590.81
Accelerated construction notices	19-2011-EL-BNR	Mayfield-Eastlake 138 kV Tap to Nathan Substation	\$ 1,254.87
Accelerated construction notices	19-1347-EL-BNR	Miami to New Carlisle 138 kV	\$ 1,202.26
Accelerated letter of notification	20-0346-EL-BLN	Port Union to Mulhauser Rebuild Project	\$ 1,149.72
Accelerated letter of notification	19-1631-EL-BLN	Bath-Trebein 138 kV Transmission Line	\$ 811.83
Accelerated construction notices	19-2134-EL-BNR	Juniper-Pleasant Valley Q1 & Q2 138kV Transmission	\$ 809.95
Accelerated construction notices	19-1919-EL-BNR	City Of Hamilton Substation Circuit Relocation	\$ 784.15
Accelerated construction notices	17-2015-EL-BNR	Harper/West Akron/Pleasant Valley Q-22 Structure	\$ 722.80

2020 Receipts

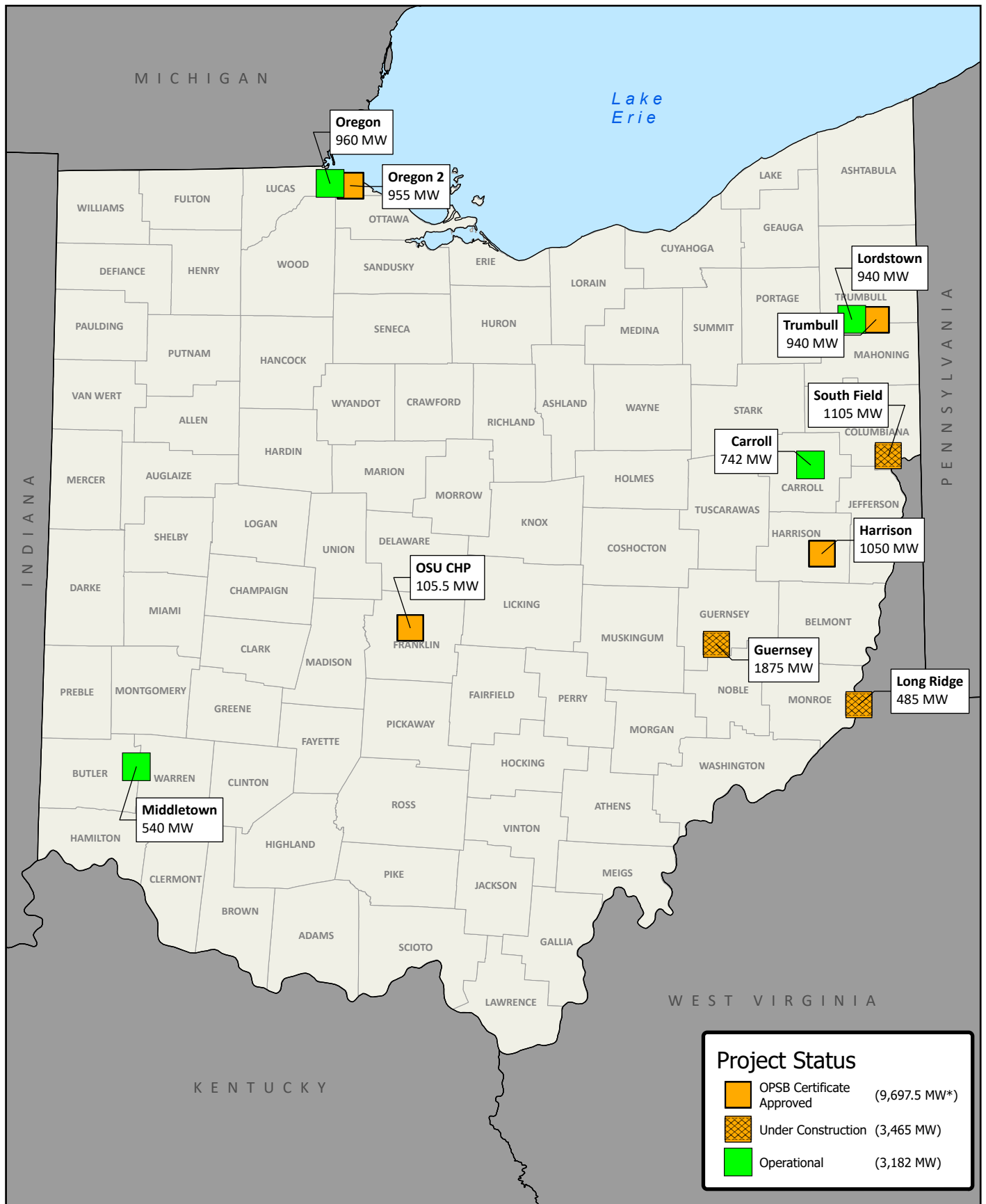
Case type	Case number	Project name	Revenue
Accelerated construction notices	18-0515-GA-BNR	PIR 2428 Pipeline - Woodside Drive (P400132565)	\$ 700.57
Accelerated letter of notification	19-1822-EL-BLN	Clay Substation Project	\$ 692.42
Accelerated construction notices	17-2013-EL-BNR	Juniper-Newburgh 138 kV Structure Replacements	\$ 671.78
Accelerated construction notices	20-1204-GA-BNR	The Energy Cooperative - State Route 13 (Line 3-C)	\$ 626.33
Accelerated construction notices	17-2337-GA-BNR	PIR 2364 Pipeline Replacement Project	\$ 613.00
Accelerated letter of notification	19-1471-EL-BLN	Elmwood Place I-75 Widening Transmission project	\$ 543.78
Accelerated construction notices	17-2375-GA-BNR	PIR #792 Richmond Road City of Beachwood	\$ 525.43
Accelerated letter of notification	18-0226-EL-BLN	Clark-Greene/Clark-East Springfield 138 kV Rebuild	\$ 425.18
Accelerated letter of notification	20-0134-EL-BLN	Cumminsville 5B Rebuild Project	\$ 351.86
Accelerated construction notices	19-0149-EL-BNR	Q-3 & Q-4 138 kV Taps to Nathan Substation	\$ 197.43
Accelerated letter of notification	19-2156-GA-BLN	Augusta Compressor Station	\$ 194.80
Accelerated construction notices	20-0598-EL-BNR	Crissinger-Tangy 138 kV T- Line Switch Replacment	\$ 170.07
Amendment application	20-0033-EL-BGA	Guernsey Power Station Amendment II	\$ 95.96
Accelerated construction notices	17-1944-GA-BNR	PIR 620 Distribution Line Replacement	\$ 83.92
Accelerated construction notices	18-1110-GA-BNR	Extension of PIR 620 , MWO# 63373505	\$ 83.92
Accelerated construction notices	15-1574-EL-BNR	West Milton Substation Expansion	\$ 35.53
Accelerated construction notices	19-1346-EL-BNR	West Milton Substation Expansion	\$ 35.17
Accelerated construction notices	19-1142-EL-BNR	Shelby-Amsterdam 138 kV Switch Project	\$ 19.48
Accelerated construction notices	18-1593-EL-BNR	138kV/345kV Mill Creek Remediation	\$ 11.69

Case type	Revenue totals
Accelerated construction notices	\$ 44,363.83
Accelerated letter of notification	\$ 47,543.92
Amendment application	\$ 95.96
Electric transmission application	\$ 2,620.12
Generating facility application	\$ 702,470.09
Grand total	\$ 797,093.92



Power Siting Board Power Siting Gas Generation & CHP Case Status

As of 9/17/2020

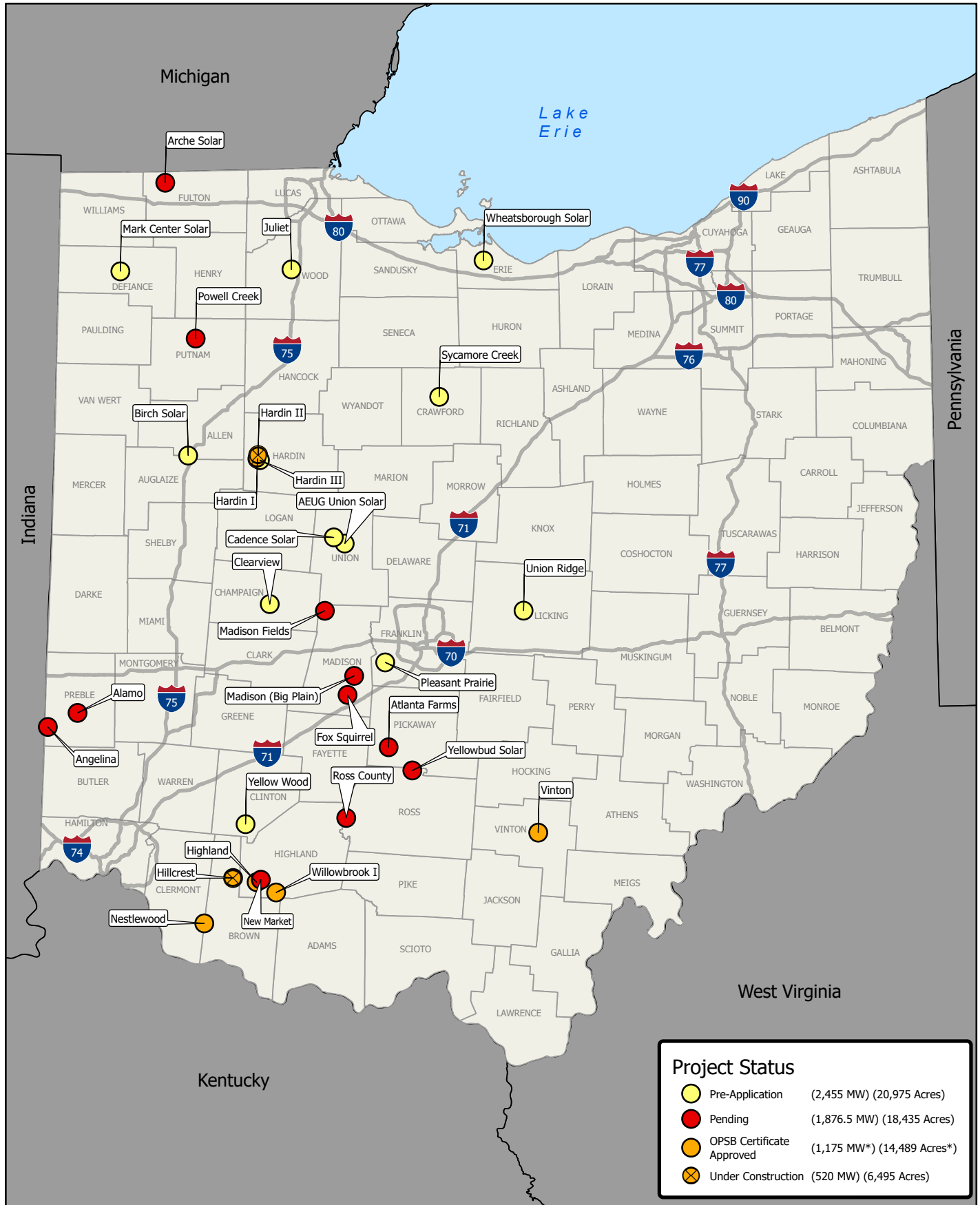


Notes: Facility locations are provided by applicants. Case and construction status is determined by the case filings. The capacity shown is the highest nameplate capacity of the approved units in the original case and any amendments. Map produced on 9/17/2020.

*"OPSB Certificate Approved" MW value includes "Under Construction" and "Operational" MW values.

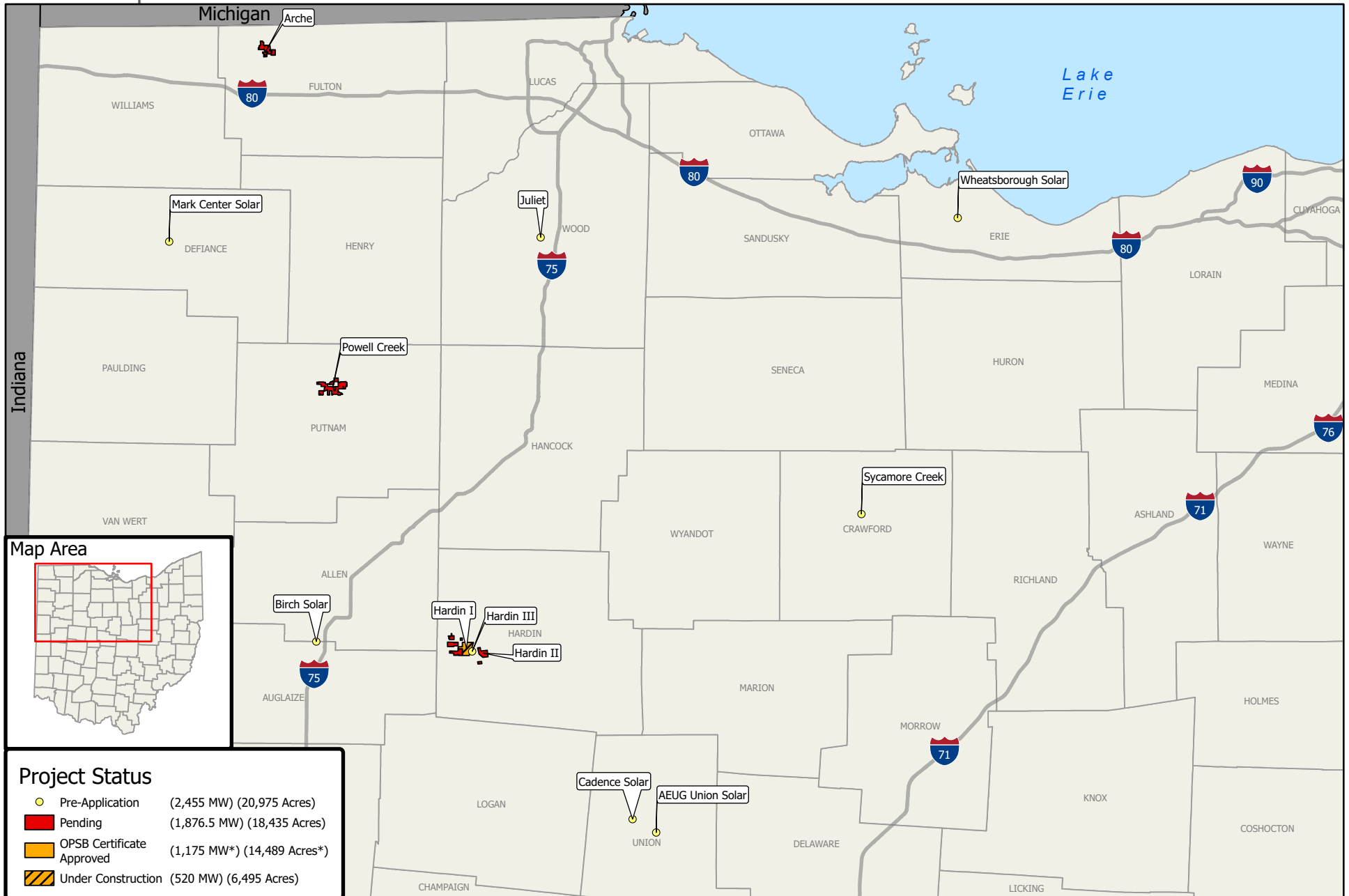
Operational Gas Generation and CHP Facilities			Approved and Pending Gas Generation and CHP Facilities		
Operational Megawatts (MW):		3,182	Potential Megawatts (MW):		6,515.5
Operational Gas Generation and CHP Facilities (50 MW or greater)					
Case Number	Related Cases	Project Name	Operational Date	County	MW
12-2959-EL-BGN	14-1396-EL-BGA 15-0297-EL-BGA 15-0853-EL-BGA 16-0518-EL-BGA 18-1466-EL-BGA	Oregon	7/1/17	Lucas	960
13-1752-EL-BGN	14-2085-EL-BGA 16-0841-EL-BGA 17-0925-EL-BGA	Carroll	1/10/18	Carroll	742
14-0534-EL-BGN	16-0062-EL-BGA 16-0076-EL-BGA	Middletown	5/18/18	Butler	540
14-2322-EL-BGN	16-0131-EL-BGA 16-0494-EL-BGA 16-0494-EL-BGA	Lordstown	9/30/18	Trumbull	940
				Total	3,182
Approved and Pending Gas Generation and CHP Facilities (50 MW or greater)					
Case Number	Related Cases	Project Name	Approval Date	County	MW
15-1716-EL-BGN	19-0638-EL-BGA	South Field ¹	9/22/16 5/16/19	Columbiana	1,105
16-2443-EL-BGN	18-0090-EL-BGA 20-0033-EL-BGA	Guernsey ¹	10/5/17 3/15/18 4/16/20	Guernsey	1,875
16-2444-EL-BGN	NA	Trumbull	10/5/17	Trumbull	940
17-0530-EL-BGN	17-2512-EL-BGA	Oregon 2	12/7/17 5/17/18	Lucas	955
17-1091-EL-BLN	NA	Long Ridge ¹	7/28/17	Monroe	485
17-1189-EL-BGN	NA	Harrison	6/21/18	Harrison	1,050
19-1641-EL-BGN	NA	OSU CHP	9/17/20	Franklin	105.5
				Total	6,515.5

¹ under construction



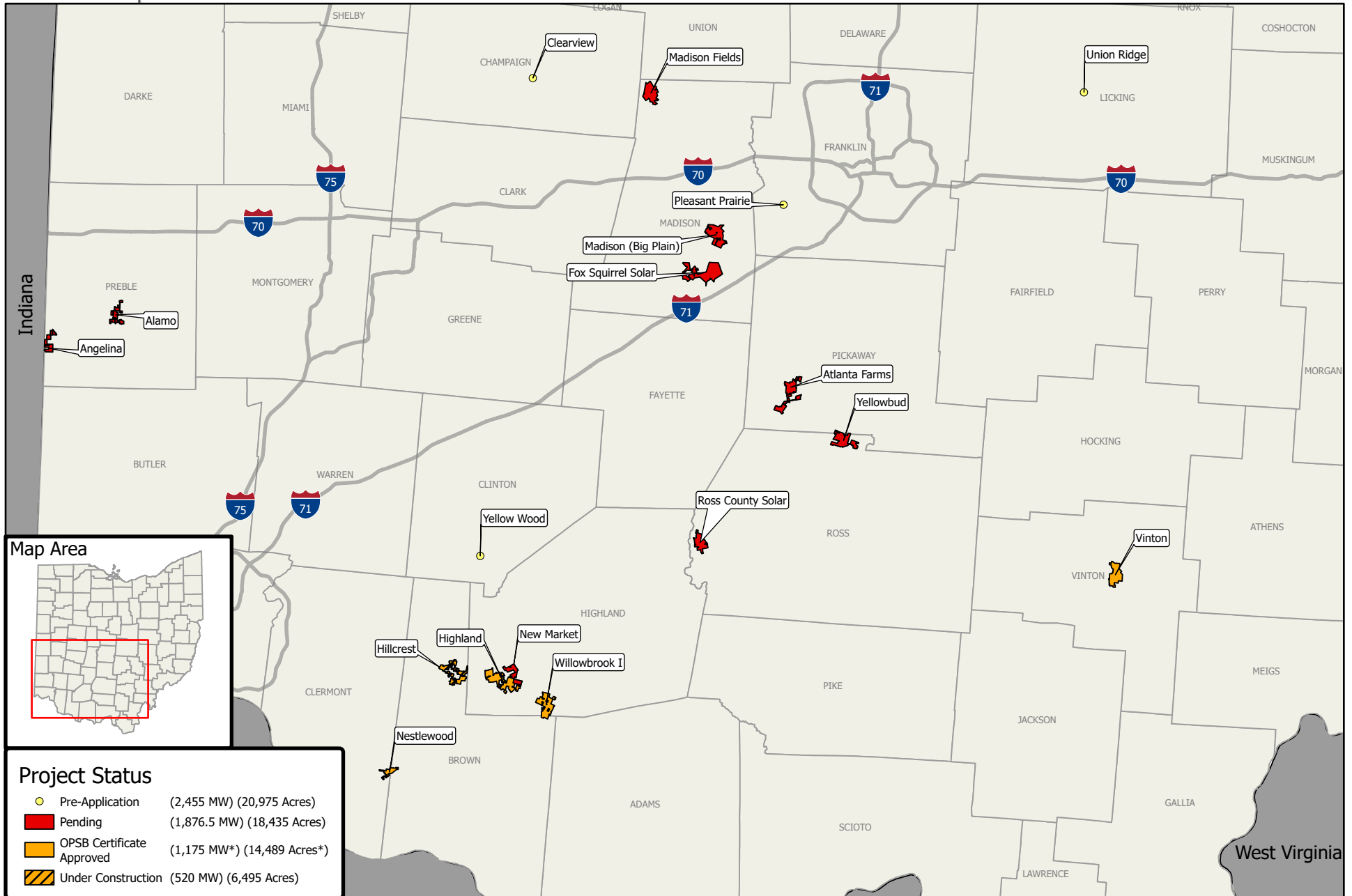
Notes: Project locations are provided by applicants. Case and construction status is determined by the case filings. The nameplate capacity shown is the maximum capacity that could be built based on the number of approved photovoltaic panels and the highest nameplate capacity of the approved panel models. Pre-Application project locations are approximated. Pre-Application acreage total does not include Union Ridge, Juliet, or Sycamore Creek.

*OPSB Certificate Approved MW and acreage values include "Under Construction" MW and acreage values.



Notes: Project locations are provided by applicants. Case and construction status is determined by the case filings. The nameplate capacity shown is the maximum capacity that could be built based on the number of approved photovoltaic panels and the highest nameplate capacity of the approved panel models. MW and acreage totals in the legend represent the entire State of Ohio. Pre-Application project locations are approximated. Pre-Application acreage total does not include Union Ridge, Juliet, or Sycamore Creek.

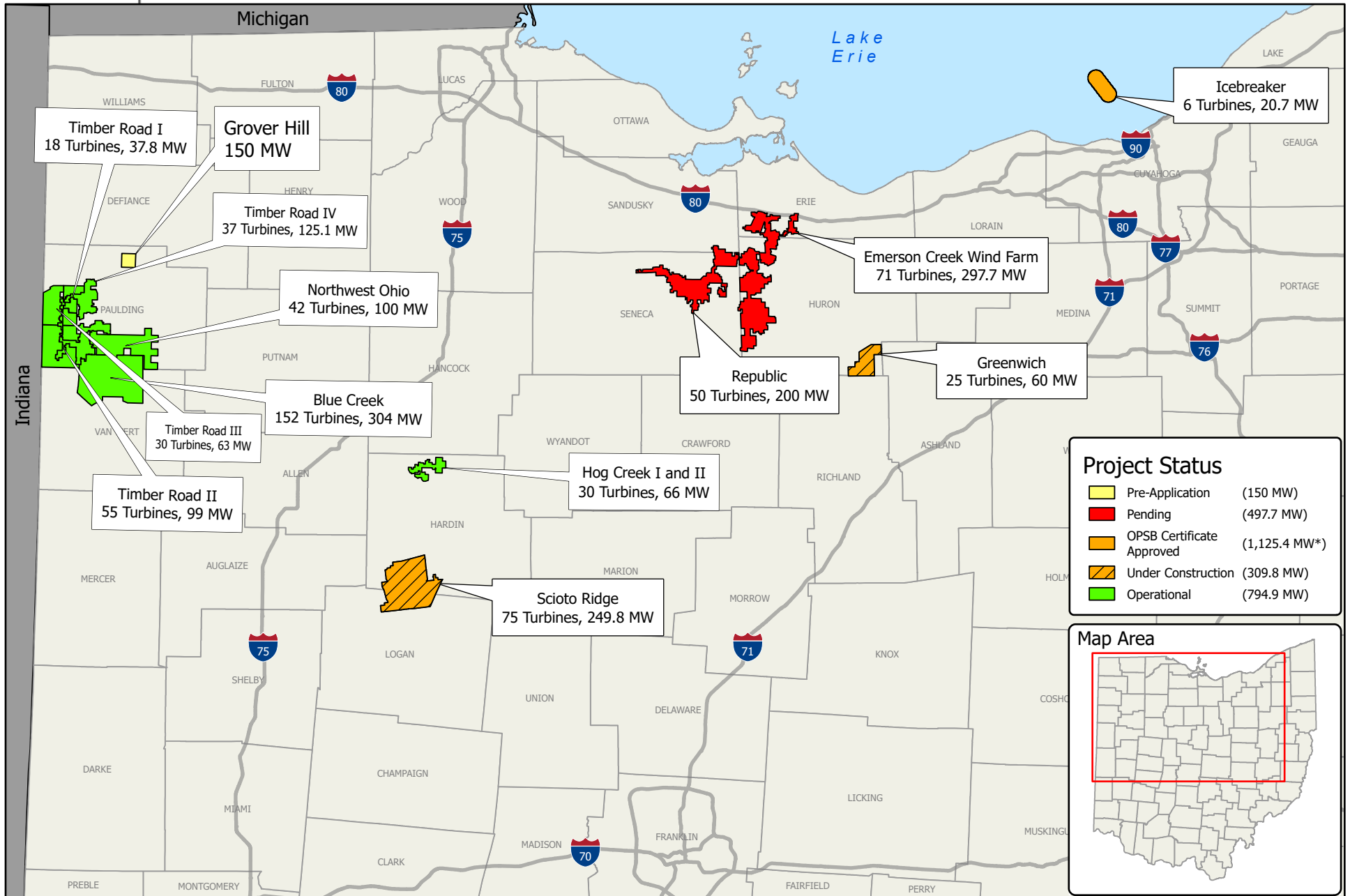
**OPSB Certificate Approved* MW and acreage values include *Under Construction* MW and acreage values.



Notes: Project locations are provided by applicants. Case and construction status is determined by the case filings. The nameplate capacity shown is the maximum capacity that could be built based on the number of approved photovoltaic panels and the highest nameplate capacity of the approved panel models. MW and acreage totals in the legend represent the entire State of Ohio. Pre-Application project locations are approximated. Pre-Application acreage total does not include Union Ridge, Juliet, or Sycamore Creek.

*OPSB Certificate Approved MW and acreage values include Under Construction MW and acreage values.

Operational Solar Facilities		Potential Solar Facilities (Approved, Pending, Pre-application)					
Operational Megawatts (MW):		NA		Potential Megawatts (MW):		5,506.5	
Approved Solar Facilities (50 MW or greater)							
Case Number	Related Cases	Project Name	Approval Date	County	MW		
17-0773-EL-BGN		Hardin ¹	2/15/18	Hardin	150		
17-0774-EL-BGN	NA	Vinton	9/20/18	Vinton	125		
17-1152-EL-BGN	18-1267-EL-BGA	Hillcrest ¹	2/15/18 2/21/19	Brown	200		
18-1024-EL-BGN	NA	Willowbrook I	9/17/18	Brown, Highland	150		
18-1334-EL-BGN	NA	Highland	5/16/19	Highland	300		
18-1360-EL-BGN	20-1321-EL-BGA	Hardin II ¹	5/16/19 pending	Hardin	170		
18-1546-EL-BGN	NA	Nestlewood	4/16/20	Brown, Clermont	80		
				TOTALS:	1,175		
¹ Under construction							
Pending and Pre-application Solar Facilities (50 MW or greater)							
Case Number	Project Name		Filing Date	County	MW		
18-1578-EL-BGN	Alamo		12/10/18	Preble	69.9		
18-1579-EL-BGN	Angelina		12/3/18	Preble	80		
19-1823-EL-BGN	Madison (Big Plain)		4/27/20	Madison	196		
19-1880-EL-BGN	Atlanta Farms		1/31/20	Pickaway	199.6		
19-1881-EL-BGN	Madison Fields		7/17/20	Madison	180		
20-1084-EL-BGN	Powell Creek		10/7/20	Putnam	150		
20-0931-EL-BGN	Fox Squirrel		10/14/20	Madison	400		
20-0972-EL-BGN	Yellowbud		7/21/20	Pickaway, Ross	274		
20-0979-EL-BGN	Arche		7/30/20	Fulton	107		
20-1288-EL-BGN	New Market		9/3/20	Highland	100		
20-1362-EL-BGN	Clearview		pre-application	Champaign	144		
20-1380-EL-BGN	Ross County		10/30/20	Ross	120		
20-1405-EL-BGN	Union County		pre-application	Union	325		
20-1529-EL-BGN	Wheatsborough		pre-application	Erie	125		
20-1605-EL-BGN	Birch		pre-application	Allen, Auglaize	300		
20-1612-EL-BGN	Mark Center		pre-application	Defiance	110		
20-1677-EL-BGN	Cadence		pre-application	Union	275		
20-1678-EL-BGN	Hardin III		pre-application	Hardin	300		
20-1679-EL-BGN	Pleasant Prairie		pre-application	Franklin	250		
20-1680-EL-BGN	Yellow Wood		pre-application	Clinton	300		
20-1757-EL-BGN	Union Ridge		pre-application	Licking	108		
20-1760-EL-BGN	Juliet		pre-application	Wood	101		
20-1762-EL-BGN	Sycamore Creek		pre-application	Crawford	117		
				TOTALS:	4,331.5		



Project Status

- Pre-Application (150 MW)
- Pending (497.7 MW)
- OPSB Certificate Approved (1,125.4 MW*)
- Under Construction (309.8 MW)
- Operational (794.9 MW)



Notes: Project area boundaries are provided by applicants. Case and construction status is determined by the case filings. The nameplate capacity shown is the maximum capacity that could be built based on the number of approved turbines and the highest nameplate capacity of the approved turbine models. Pre-application project locations and layout area are approximate. Map produced on 11/20/2020.

*"OPSB Certificate Approved" MW value includes "Under Construction" and "Operational" MW values.

Operational Wind Facilities			Potential Wind Facilities (Approved, Pending, and Pre-application)			
Operational Megawatts (MW):		794.9	Potential Megawatts (MW):		978.2	
Operational Turbines:		364	Potential Turbines:		227	
Operational Wind Facilities						
Case Number	Related Cases	Project Name	Online Date	County	Turbines	MW
09-1066-EL-BGN	11-1995-EL-BGA 11-3644-EL-BGA	Blue Creek	6/14/12	Paulding, Van Wert	152	304
09-0980-EL-BGN	15-2031-EL-BGA	Timber Road I	12/8/16	Paulding	18	37.8
10-0369-EL-BGN	10-3128-EL-BGA	Timber Road II	7/19/11	Paulding	55	99
10-0369-EL-BGN	15-2030-EL-BGA	Timber Road III	12/8/16	Paulding	30	63
09-0277-EL-BGN	11-0757-EL-BGA 11-5542-EL-BGA 16-1422-EL-BGA	Hog Creek I	12/19/17	Hardin	30	66
10-0654-EL-BGN	11-5543-EL-BGA 16-1423-EL-BGA 17-0627-EL-BGA	Hog Creek II				
13-0197-EL-BGN	16-0343-EL-BGA 16-1687-EL-BGA 17-1099-EL-BGA	Northwest Ohio	9/10/18 withdrawn 9/10/18	Paulding	42	100
18-0091-EL-BGN		Timber Road IV	3/27/20	Paulding	37	125.1
				TOTALS:	364	794.9
Approved Wind Facilities						
Case Number	Related Cases	Project Name	Approval Date	County	Turbines	MW
13-0990-EL-BGN	15-1921-EL-BGA	Greenwich ¹	8/25/14 5/19/16	Huron	25	60
13-1177-EL-BGN	14-1557-EL-BGA 16-0725-EL-BGA 16-1717-EL-BGA 17-0759-EL-BGA 17-2108-EL-BGA 18-1473-EL-BGA	Scioto Ridge ¹	3/17/14 11/12/15 5/19/16 10/25/16 7/6/17 3/15/18 withdrawn	Hardin, Logan	75	249.8
16-1871-EL-BGN		Icebreaker	5/21/20	Cuyahoga (Lake Erie)	6	20.7
				TOTALS:	106	330.5
¹ Under construction						
Pending and Pre-application Wind Facilities						
Case Number	Project Name		Filing Date	County	Turbines	MW
17-2295-EL-BGN	Republic		2/2/18	Seneca, Sandusky	50	200
18-1607-EL-BGN	Emerson Creek		1/31/19	Erie, Huron	71	297.7
20-0417-EL-BGN	Grover Hill		pre-application	Paulding	unknown	150
				TOTALS:	121	647.7

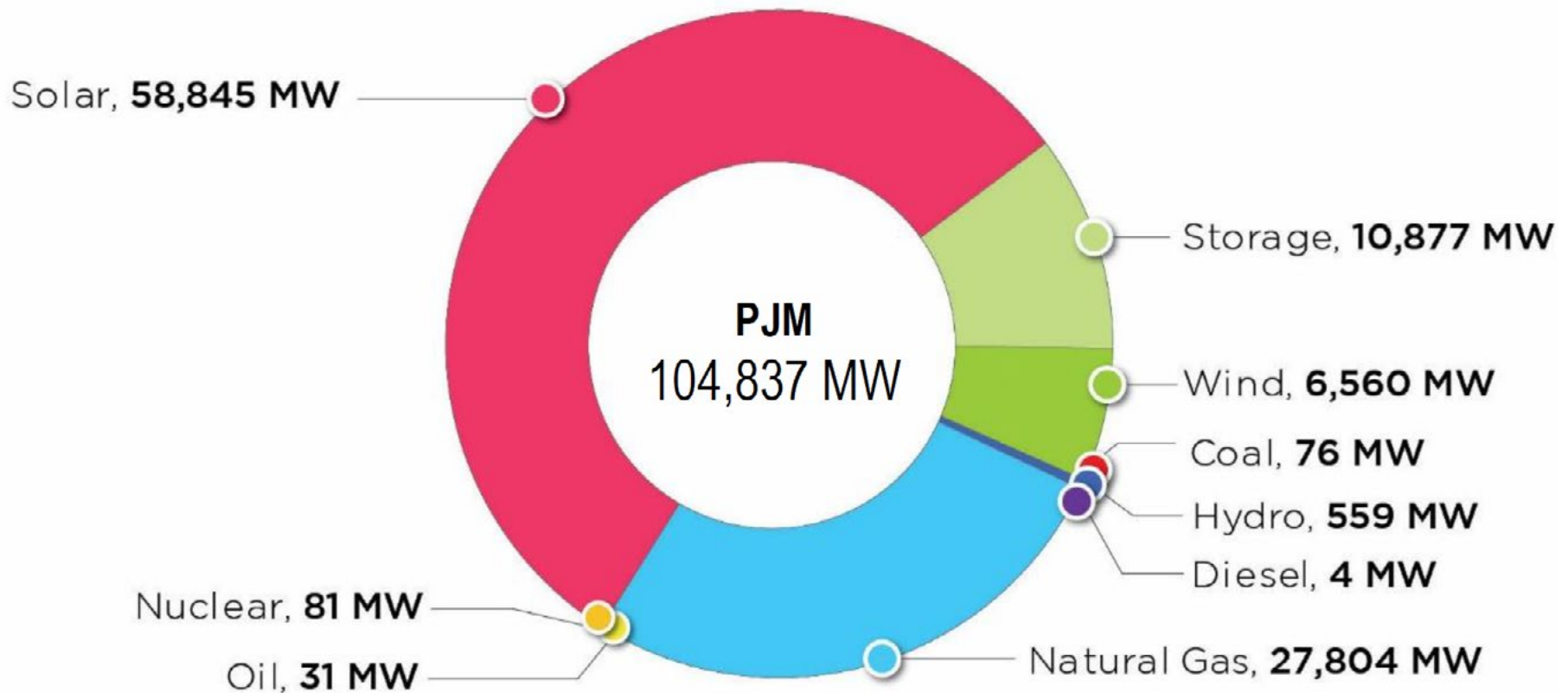
Pending generation interconnection requests

Ohio is part of a regional electric market served by PJM Interconnection – the regional transmission operator. The region includes 13 states and the District of Columbia where PJM is responsible for maintaining the reliability of the grid, developing transmission plans, and administering energy markets.

A generation project developer must request interconnection with PJM's transmission system by entering a calendar-based queue. PJM conducts a feasibility study and system impact study to estimate the interconnection costs and construction timeline for the generation project developer.

PJM's interconnection process places increasing financial obligations on the generation project developer who can withdraw its request to interconnect to PJM at any time. As a result, not all of the Ohio generation projects will make it to the final construction stage. However, the graph on page 33 provides an informative representation as to Ohio's pending generation interconnection requests by both fuel type and total MW. This could be indicative of future caseload before the OPSB.

Ohio - Queued Capacity (MW) by Fuel Type

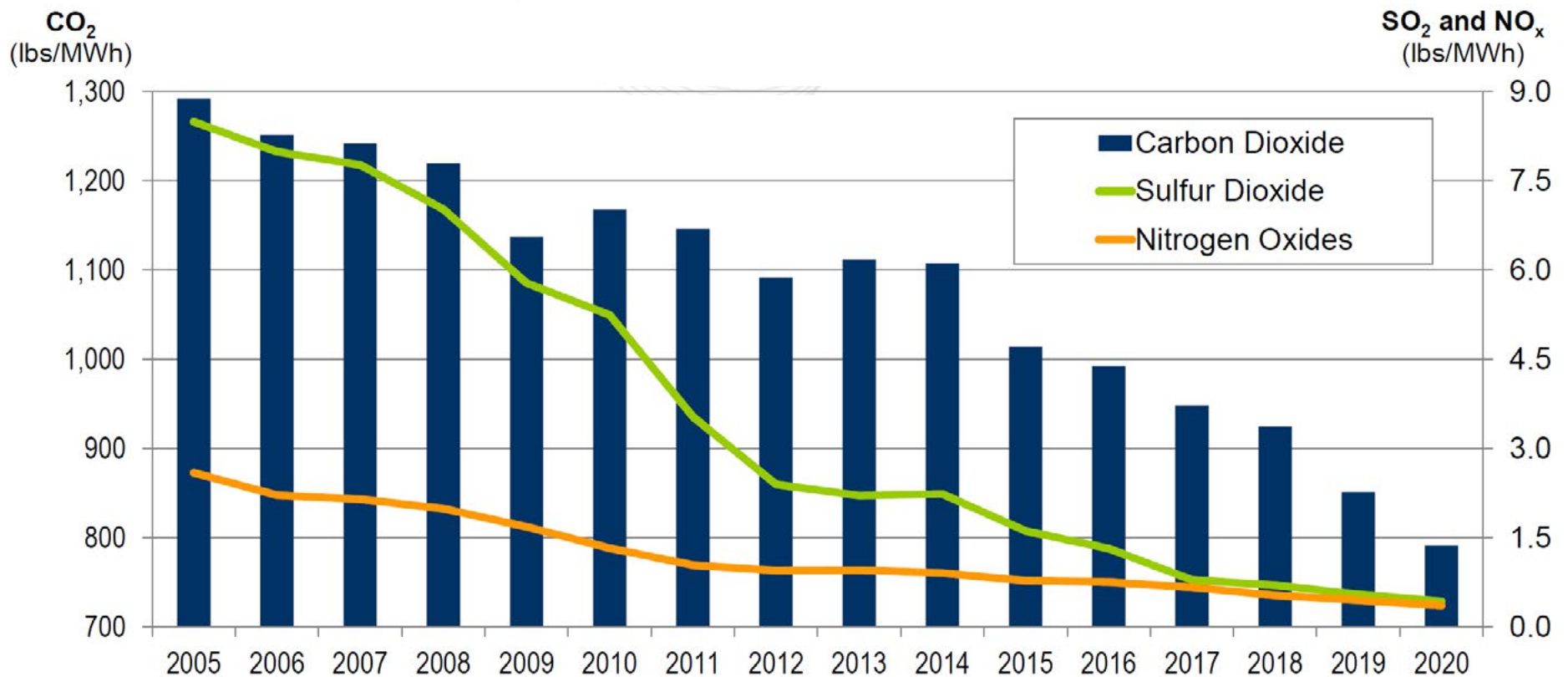


As of Dec. 31, 2020

Courtesy of PJM 2020 Ohio State Infrastructure Report

2005 - 2020 PJM Average Emissions

This graph below demonstrates the reduction in air emissions from power plants in the PJM region. This is due, in part, to the competitive market shifting away from coal-fired power plants and towards a preference for renewable and natural gas fuel sources.



Courtesy of PJM 2020 Ohio State Infrastructure Report

Ohio | **Power Siting
Board**

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**Jenifer French, Chair
Mike DeWine, Governor**

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