Ohio Power and Light, LLC.

A Clean Energy Development Company

February 20, 2021

The Honorable Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street N.E.
Washington, D.C. 20426.0002

Re: Preliminary Permit Application

Robert C. Byrd Locks and Dam Hydroelectric Project

Dear Secretary Bose,

On behalf of Ohio Power and Light, LLC., please find enclosed a completed Preliminary Permit Application for the Robert C. Byrd Locks and Dam Hydroelectric Project.

Ohio Power and Light, LLC., prepared this application in accordance with 18 CFR Section 4.32 of the Commission's regulations.

If you should have any questions regarding this submission, please do not hesitate to contact me.

Sincerely,

Alan W. Skelly, Esq.
CEO
Ohio Power and Light, LLC.
awskelly@gmail.com
937-802-8866

APPLICATION FOR PRELIMINARY PERMIT

Robert C. Byrd Locks and Dam

Gallia County - Ohio

Mason County - West Virginia

Ohio Power and Light, LLC.

A Clean Energy Development Company

February 2021

Section 4.32 (A) VERIFICATION STATEMENT

This Application for Preliminary Permit is executed in the State of Ohio, County of Brown, by:

Alan W. Skelly, CEO
Ohio Power and Light, LLC.
127 Longwood Blvd.
Mount Orab, Ohio 45154

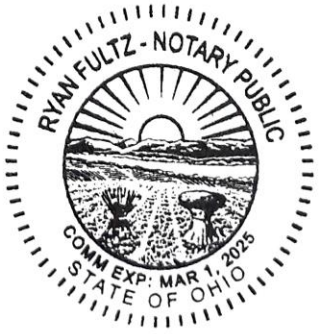
Being duly sworn, deposes and says that the Contents of this application are true to the best of his knowledge and belief.

The Undersigned Applicant has signed the Application this 19th day of February 2021.

Alan W. Skelly, Esq.
CEO
Ohio Power and Light, LLC.

On this 19th day of February, 2021, I certify that Alan W. Skelly before me, the Undersigned Notary Public, personally appeared, proved to me through satisfactory identification, which was a State of Ohio Drivers License, to be the person whose name appears on the attached Document in my presence.

Notary



Before the Federal Energy Regulatory Commission
Application for Preliminary Permit

(1) Statement of Application

Ohio Power and Light, LLC., applies to the Federal Energy Regulatory Commission for a preliminary permit for the proposed Robert C. Byrd Lock and Dam Hydroelectric Project, as described in the attached exhibits. This Application is made in order that the Applicant may secure and maintain priority of application for a License for the Project under Part 1 of the Federal Power Act while obtaining the data and performing the acts required to determine the feasibility of the Project and to support an application for a License.

(2) The location of the proposed project is:

State or Territory:	Ohio, West Virginia
County:	Gallia County (Ohio), Mason County (West Virginia)
Township or nearby Town:	Gallipolis, Ohio
Stream or other Body of Water:	Ohio River

(3) The exact name, business address, and telephone number of the Applicant are:

Ohio Power and Light, LLC.
127 Longwood Blvd.
Mount Orab, Ohio 45154
(937)-802-8866

The exact name, address, and telephone number of persons authorized to act as Agent for the Applicant in the Application are:

Alan W. Skelly-CEO
awskelly@gmail.com
127 Longwood Blvd.
Mount Orab, Ohio 45154
937-802-8866

(4) Preference under Section 7 (a) of the Federal Power Act:

Ohio Power and Light, LLC is a domestic Limited Liability Company and does not claim a Preference under the Federal Power Act.

(5) Term of Permit:

The proposed term of the requested Permit is 48 months.

(6) Existing dam or other Project facility .

The project will use the existing Robert C. Byrd Locks and Dam structure and associated facilities. The project facilities are owned and operated by the U.S. Army Corps of Engineers (USACE) Huntington District. The address for both the District and local offices are:

U.S. Army Corps of Engineers
Huntington District
502 Eighth Street
Huntington, WV 25701-2070

Robert C Byrd Locks and Dam
US Army Corps of Engineers
RR 1, Gallipolis Ferry, WV 25515

SECTION 4.32 (A) INFORMATION

(1) Identify every person, citizen, association of citizens, domestic corporation, municipality, or State that has or intends to obtain and will maintain any proprietary right necessary to construct, operate, or maintain the project:

Ohio Power and Light, LLC. is the only entity that intends to obtain proprietary rights necessary to construct, operate, or maintain the proposed project. It will maintain those rights for the 48-month permit term.

Prior FERC Licenses-The Commission previously issued a license to Gallia Hydro Partners for the construction, operation, and maintenance of a new hydropower plant at the WC Byrd Locks and Dam. The project was known as the Gallipolis Locks and Dam Project, FERC Project No. 9042. (*Gallia Hydro Partners*, *et al.*, 48 FERC ¶ 61,369 (1989). The licensed project would have included a powerhouse containing two generating units having a total installed capacity of 48 megawatts (MW); a 460-foot-long exit channel; 6.9-kilovolt (kV) generator leads, a 6.9/69 kV, 10/13.3/16/7-MVA transformer bank; a three-mile-long 69 kV transmission line, a paved access road, and appurtenant facilities. The Commission terminated the license for Project No. 9042, effective April 23, 2007, because the licensee failed to commence construction.

On December 3, 2019, the FERC issued an Order approving the Surrender of License under FERC Project No. 12796 by the City of Wadsworth, Ohio, licensee. The Project would have been located on the U.S. Army Corps of Engineers (Corps) Robert C. Byrd Locks and Dam on the Ohio River. The Project would have occupied approximately 7.6 acres of Federal Lands under the jurisdiction of the Corps. The Project as authorized, would have included: (1) a 1,200 foot-long intake channel conveying flow to two equally sized intakes approximately 60 feet wide by 73 feet high; (2) a trash rack located in front of each of the generating unit intakes, with a bar spacing of approximately 8 inches; (3) a reinforced concrete powerhouse measuring approximately 258 feet long by 145 feet wide by 110 feet high, and housing two bulb-type turbine generator units with a total installed capacity of 50 megawatts; (4) a 900 foot long tailrace channel (5) a 2.41 mile-long, 138 –kilovolt transmission line; and appurtenant facilities. The Transmission line would cross the Ohio River from the proposed power plant in Mason County, West Virginia to a point of connection at an existing AEP substation near Apple Grove, West Virginia.

(2) (i) Identify: Every county in which any part of the project, and any Federal facilities that would be used by the project, would be located:

Galia County
County Commissioners
Room 1292
18 Locust Street
Gallipois, OH 45631

Mason County
County Commissioners
200 6th Street
Point Pleasant, WV 25550

(2)(ii) (A) Identify: Every city, town, or similar local political subdivision in which any part of the project, and any Federal facilities that would be used by the project, would be located:

None. The Gallia County Communities of Mercerville and Eureka, near or through which the transmission line would pass, appear to be unincorporated.

(2) (ii) (B) Identify: Every City, town, or similar local political subdivission: That has a population of 5,000 or more people located within 15 miles of the project dam:

None. The proposed Project is to be located aproximately 1 mile north on West Virginia Route 2 from the Town of Apple Grove, West Virginia and about 9 miles below the City of Gallopolis, Ohio. Neither of these entities has a population of 5,000 or more. The applicant has searched U.S. Census Bureau records and, based on that search, believes there are no cities, towns, or political subdivissions within 15 miles of the project that have a poulation greater than 5,000.

(2) (iii) Identify: Every irrigation district, drainage district, or similar special purpose political subdivission:

(a) In which any part of the Project, and any Federal Facilities that would be used by the Project, would be located:

None

(b) That owns, operates, maintains, or uses any project facilities or any Federal facilities that would be used by the project:

U.S. Army Corps of Engineers
Huntington District
502 Eighth Street
Huntington, WV 25701-2070

(2) (iv) Every other political subdivission or others in the general area of the project that there is a reason to believe would likely be interested in, or effected by the application:

Please see Attachment A- Notice List

(2) (v) Identify: All Indian Tribes that may be affected by the project:

The applicant has identified the following Indian Tribes that may potentially have an interest or be affected by the project using publicly available information and data contained in the FERC elibrary:

Bureau of Indian Affairs
1849 C Street N.W., MS 2624 MIB
Washington DC 20240

Absentee-Shawnee Tribe of Indians of Oklahoma
2025 S. Gordon Cooper Drive
Shawnee OK 74801

Catawba Indian Nation
Catawba Cultural Preservation Officer
611 East Main Street
Rock Hill, SC 29730

Cherokee Nation
Cultural Resource Specialist
P.O. Box 948
Tahlequah, OK 74465

Delaware Nation
Kerry Holton, President
170 North East Barbara
Bartlesville, OK 74006

Delaware Tribe of Indians
Chief, Chet Brooks
170 North East Barbara
Bartlesville, OK 74006

Eastern Band of Cherokee Indians
P.O. Box 455
Qualla Boundary
Cherokee, NC 28719

Little Traverse Bay Bands of Odawa Indians
Tribal Historic Preservation Officer
7500 Odawa Circle
Harbor Springs, MI 49740

Match-e-be-nash-she-wish Band of
Pottawatomi Indians of Michigan
Chairperson
P.O. Box 218
Dorr, MI 49323

Miami Tribe of Oklahoma
Tribal Historic Preservation Officer
P.O. Box 1326
Miami, OK 74355-1326

Nottawaseppi Huron Potawatomi
Tribal Environmental Director
2221 One Half Mile Road
Fulton, MI 49025

Ottawa Tribe of Oklahoma
P.O. Box 110
Miami, OK 74355

Pokagon Band of Potawatomi Indians
Chairperson
P.O. Box 180
Dowagiac, MI 49047

Prairie Band of Potawatomi Nation
Steve Ortiz, Chairman
16281 Q Road
Mayetta, KS 66509-8970

Eastern Shawnee Tribe of Oklahoma
Tribal Historic Preservations Officer
P.O. Box 350
Seneca, MO 64865

Seneca-Cayuga Tribe of Oklahoma
Chief
P.O. Box 1283
Miami, OK 74355

Shawnee Tribe
Tribal Historic Preservation Officer
P.O. Box 189
Miami, OK 74354

Tuscarora Nation
Chief
2006 Mt. Hope Road
Lewistown, NY 14092

United Keetoowah Band of Cherokee Indians
Chief
P.O. Box 189
Parkhill, OK 74451

Hannahville Indian Community
Kenneth Meshiguad, Chairperson
N14911 Hannahville B1 Road
Wilson, MI 49896-9728

Kickapoo Tribe in Kansas
Chairman
P.O. Box 271
Horton, KS 66439

Kickapoo Tribe of Oklahoma
Chairman
P.O. Box 70
McCloud, OK 74851-0070

Little River Band of Ottawa Indians
Tribal Historic Preservation Officer
375 River Street
Manistee, MI 49660

Sac and Fox Nation of Missouri
305 N. Main Street
Reserve, KS 66434

Sac and Fox Nation of Oklahoma
Rt 2, Box 246
Stroud, OK 74079

Sac and Fox Tribe of the Mississippi in Iowa
Chairman
349 Meskwaki Road
Tama, IA 52339-9629

Saginaw Chippewa Indian Tribe of Michigan
Chief
7070 East Broadway Road
Mt. Pleasant, MI 48858

Santee Sioux Tribal Council
Chairman
108 Spirit Lake Avenue
West Niobrara, NE 68760

Seneca Nation of Indians
Tribal Historic Preservation Officer
P.O. Box 231
Salamanca, NY 14779

Tonawanda Band of Seneca
Chief
7027 Meadville Road
Basom, NY 14013

Wyandotte Tribe of Oklahoma
Chief
64700 E. Highway 60
Wyandotte, OK 74370

Peoria Tribe of Indians of Oklahoma
John P. Froman, Chief
P.O. Box 1527
Miami, OK 74355-1527

SECTION 4.81 (B) EXHIBIT 1 – GENERAL DESCRIPTION

(1) General Configuration and Information

The number, physical composition, dimensions, general configuration and, where applicable, age and conditions of any dams, spillways, penstocks, powerhouses, tailraces,or other structures, whether existing or proposed, that would be part of the Project:

The proposed Hydroelectric Project (Project) would be located at the U.S. Army Corps of Engineers (USACE) Robert C. Byrd Locks and Dam at Ohio River mile (RM) 279.2 in Gallia County, Ohio and Mason County, West Virginia.

Exiting Facilities-The existing USACE facilities consist of a concrete high-lift, gated dam and two new parallel locks, activated on January 30, 1993. The dam height is 29.5 feet above the sills, and the top length of the gated section is 1,132 feet. There are eight roller gates, with a clear span of 125 to 126 feet between 16-foot piers.The main lock is 110 by 1200 feet, and the auxliiary lock is 110 by 600 feet. The dam also has service miter gates. The dam was rehabilitated between 1992 and 2002, replacing the roller gates, control units, motor control center, and electric feeders. Lock replacement construction occurred from 1987 to 1993, decommissioning the original two lock structures and replacing the gates with concrete-filled cells to form a new flow barrier.

The Robert C. Byrd Pool extends 41.7 river miles upstream on the mainstem Ohio River to the Racine Dam, and extends 44.6 miles upstream to Winfield Dam on the Kanawha River.Counties bordering the Robert C. Byrd pool include Gallia and Meigs Counties in Ohio, and Mason and Putnam Counties, in West Virginia.

The facility discharges into the Greenup Locks and Dam pool which is located 61.8 miles downstream of the Robert C. Byrd locks and Dam. The difference between the normal Upper Pool (Robert C. Byrd Pool) elevation of 538.0 feet (Ohio River Datum-ORD) and the normal lower pool (Greenup Pool) elevation of 515.0 feet ORD, yields a normal lift through the navigation locks of 23.0 feet.

Abutting the southern end of the gated structure is a set of two deactivated locks. Prior to the rehabilitation of the structure, the locks abutted the West Virginia shorelineof the Ohio River. To accommodate the two new locks, the rehabilitation included widening of the existing river channel to serve the newly constructed locks. This left a small island between the two sets of locks which now serves as the maintenance and operations facilities for the USACE Lockmaster.

The Dam and outlet works are shown on the attached site maps.

The site's proposed development involves constructing a new 21.1 MW hydropower facility at Ohio side of the dam. The Project will consist of the following major elements:

Existing Locks and Dam – The dam height is 29.5 feet above the sills, and the top length of the gated section is 1,132 feet. There are eight roller gates, with a clear span of 125 to 126 feet between 16-foot piers.The main lock is 110 by 1200 feet, and the auxliiary lock is 110 by 600 feet. The dam also has service miter gates. The upstream pool is maintained at a relatively constant level for an authorized depth of at least 9 feet throughout its length. However, dam operations do not control flood flows. The walls and floors of the locks are of

reinforced concrete construction. Located at each end of the locks chambers are two miter gates. A central control building containing office space, electrical controls, and other equipment related to the locks and dam's operation is adjacent to the dam.

The Robert C. Byrd Locks and Dam (formerly Gallipolis Lock and Dam) were originally constructed in 1937. Lock replacement construction began in November 1987 and was completed in January 1993. Rehabilitation of the dam began in August 1992 and was completed in 2002. In their present state, the locks and dam include a high-lift, gated dam. The top length of the gated section is 1,132 feet in length. The dam includes eight roller gates, with a clear span of 125 feet six inches between 16-foot piers, and has a damming height of 29-feet, six inches above the sills. The facility has two parallel locks. The main lock is 110 feet by 1,200 feet. The auxiliary lock is 110 feet by 600 feet. The dam and outlet works are shown on the attached project maps (Site Plan).

Proposed Project-The applicant is proposing to develop a hydroelectric power generation facility, intake channel, trash racks. tailrace channel, a substation, a recreation area, and other pertinent facilities, along the Ohio abutment of the existing Robert C. Byrd Locks and Dam (near Gate 9 pier) on the Ohio River shoreline. The proposed project will include installation of 4 bulb turbines with approximately 21 megawatts (MW) generating capacity. The nearby AEP substation is only 2.4 miles away, in Apple Grove, W. V. The project size was chosen to leave, at most times, a significant amount of the river water, for the rest of the site, while the Project remains economical. The Project only uses 14,000 CFS, leaving much of the run of the river water of the Ohio River- for the remainder of the site. This conservative approach to water management at the site, has many possitive environmental effects as a result, including creating less stress on downstream -existing Lower Pool clam and mussel populations, when compared to the previously proposed larger Projects at the site. This project sizing-also lets eel passage occur, much as if, before the Project was built. The Projects smaller footprint when compared to previously proposed larger Projects, will also have a positive environmental impact, when compared to previously proposed more vigorous site usage and impact.

The Project will consist of the following major elements:

Intake – A new forebay will be located immediately upstream of the existing dam and will convey flow to the powerhouse. The forebay/intake will be reinforced concrete walls and an unlined floor will measure approximately 250 feet wide by 150 feet long in plan.

Powerhouse – A new reinforced concrete powerhouse, 250 feet by 170 feet in plan, will be constructed downstream of the new intake forebay. The powerhouse will contain the turbine-generators, switchgear, controls, ancillary systems, and shop and storage space.

Tailrace Area – The new tailrace will assist conveying water exiting the powerhouse back into the river downstream. The approximate 300-foot wide by 300-foot-long tailrace area will be an unlined excavation with stone riprap placed in higher velocity areas to prevent scour and erosion where necessary. Construction teams will lay back, or install concrete retaining walls, to transition the channel to existing shoreline grades to prevent scour or interfere with adjacent site features.

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Turbine-Generators – Four (4) identical pit turbine-generators, each rated at 5.275 MW, will be installed in the new powerhouse for a total Project installed capacity of 21.1 MW.

Substation – A three-phase step-up transformer will be in a new substation adjacent to the powerhouse area. The new substation will be 60 feet wide by 60 feet long. The substation will also contain high side and low side disconnects and will be surrounded by a containment dike and a security fence.

Access Roads – Powerhouse access will be provided by extending an existing road branching from Highway 7. A portion of Highway 7 will be rerouted at the Project site to accommodate the addition of the Project.

Transmission Line – See Map 2 and 2A below, for a rendition and description of the proposed transmission line.

Recreation Area- A new recreation area will be built downstream of the existing dam to replace the current recreation area.

(2) The estimated number, surface area, storage capacity, and normal maximum surface elevation (mean sea level) of any reservoirs, whether existing or proposed, that would be part of the project:

The impoundment formed by the Robert C. Byrd Locks and Dam has a normal upper pool elevation of 538.0 feet mean sea level. The upper pool length is approximately 41.7 miles to Racine Dam on the Ohio River and 44.6 miles to Winfield Dam on the Kanawha River. The normal upper pool surface area is 12,600 acres, and the normal lower pool elevation (the upper pool of Greenup Dam) is 515.0 feet msl. The project is not operated for storage but does have a flood control purpose. The proposed project would maintain all of these features.

(3) The estimated number, length, voltage, interconnections, and, where applicable, age and condition, of any primary transmission lines whether existing or proposed, that would be part of the project:

AEP operates a substation approximately 2.4 miles from the proposed powerhouse site at Apple Grove, W.V. The outlet voltage of the substation is 138 kV. The applicant proposes running a 138 kV Transmission line and building any necessary appurtenant facilities to establish an interconnect to the existing AEP- Apple Grove, W.V.- Substation.

(4) The total estimated average annual energy production and installed capacity, the hydraulic head for estimating capacity and energy output, and the estimated number, rated capacity, and, where applicable, the age and condition, of any turbines and generators, whether existing or proposed, that would be part of the project works:

Average Annual Energy: 165,000 MWH

Installed Capacity: 21.1 MW

Average Gross Hydraulic Head: 23 ft.

Number of Existing Turbine-Generators: 0

Number of Proposed Turbine-Generators: 4

Rated Capacity of Proposed Turbines: 5.275 MW

(5) All lands of the United States that are enclosed within the proposed project boundary:

The United States owns in fee 329 acres at the lock site, including the dam. The proposed project would occupy approximately 7.6 acres of federal lands at or near the dam site, the project boundary will not include the federal dam. Rights of way for the transmission line will be acquired after the Robert C. Byrd Project is

licensed. The applicant proposes building a 2.41 mile-long, 138 –kilovolt transmission line; and appurtenant facilities. The Transmission line would cross the Ohio River from the proposed power plant to a point of connection at an existing AEP substation near Apple Grove, West Virginia.

(6) Any other information demonstrating in what manner the proposed project would develop, conserve, and utilize in the public interest the water resources of the region:

Applicant will consult with government agencies and members of the public as required by the Commission's prefiling consultation regulations (18 C.F.R. § 4.38 or Part 5, as applicable) in order to ensure that all aspects of the public interest are considered in developing a license application.

(c) Exhibit 2 – Study Plan:

(1) General requirement:

(i) Any studies, investigations, tests, or surveys that are proposed to be carried out, and any that have already taken place, for the purposes of determining the technical, economic, and financial feasibility of the proposed project, taking into consideration its environmental impacts, and of preparing an application for a license for the project:

Extensive studies and investigations were conducted prior to the submittal of this application in the context of the Project No. 12796 License application. Applicant proposes to update that record as necessary. A screening study has been completed.

Applicant anticipates the need for updated or new studies with respect to:
- Flows
- Energy production
- Water quality
- Project land surveys
- Engineering, including soil studies, test pits, and core holes
- Recreation
- Security and safety
- Fish and Wildlife, including threatened and endangered species
- Additional matters depending on the results of prefiling consultation

All field investigations will be coordinated with state and local resource agencies. Agencies to be consulted include, but may not be limited to, the following:

- U.S. Army Corps of Engineers, Huntington District
- U.S. Fish and Wildlife Service
- U.S. National Park Service
- U.S. Environmental Protection Agency
- U.S. Forest Service, Wayne National Forest
- Ohio Department of Natural Resources
- Ohio Environmental Protection Agency
- Ohio River Valley Water Sanitation Commission
- West Virginia Department of Environmental Protection
- West Virginia Department of Natural Resources
- Ohio and West Virginia State Historic Preservation Officers

(ii) The approximate locations and nature of any new roads that would be built for the purpose of conducting the studies:
Adequate access presently exists to conduct field studies in the project area, therefore, no new roads are proposed.

(2) Work plan for new dam construction. For any development within the project that would entail new dam construction:
Not Applicable

(i) A description, including the approximate location, of any field study, test, or other activity that may alter or disturb lands or waters in the vicinity of the proposed project, including floodplains and wetlands; measures that would be taken to minimize any such disturbance; and measures that would be taken to restore the altered or disturbed areas:
Not applicable.

(ii) A proposed schedule (a chart or graph may be used), the total duration of which does not exceed the proposed term of the permit, showing the intervals at which the studies, investigations, tests, and surveys, identified under this paragraph are proposed to be completed.
Not applicable.

(3) Waiver.
Not applicable.

(4) Statement of costs and financing, specifying and including, to the extent possible:

(i) The estimated costs of carrying out or preparing the studies, investigations, tests, surveys, maps, plans or specifications identified under paragraph (c) of this section:

The cost for new studies described in Paragraph (c) is anticipated to be at least $500,000 and up to $750,000. These costs will cover professional fees for engineering, legal and financial advisory services, and administrative and miscellaneous costs. The estimate of costs is for work required up to and including the submittal of an application for a license for the project.

(ii) The expected sources and extent of financing available to the applicant to carry out or prepare the studies, investigations, tests, surveys, maps, plans, or specifications identified under paragraph (c) of this section:

It is anticipated that all studies, investigations, tests, surveys, maps, plans or specifications will be funded by the Applicant.

(e) Exhibit 3 – Project Maps:

Exhibit 3 must include a map or series of maps, to be prepared on United States Geological Survey topographic quadrangle sheets or similar topographic maps of a State agency, if available. The maps must show:

(1) The location of the project with reference to the affected stream or other body of water and, if possible, to a nearby town or any permanent monuments or objects that can be noted on the maps and recognized in the field:

See Project Maps: Map 1 A and 1 B (location); Map 2 and Map 2A (project boundary); Map 2 and Map2A (transmission line) and Map 3 Project Conceptual Configuration.

(2) The relative locations and physical interrelationships of the principal project features identified under paragraph (b) of this section:

See Project Maps.

(3) A proposed boundary for the project, enclosing:

(i) All principal project features identified under paragraph (b) of this section, including but not limited to any dam, reservoir, water conveyance facilities, powerplant, transmission lines, and other appurtenances:

(ii) Any Non-Federal lands and any public lands or reservations of the United States necessary for the purposes of the project. To the extent that those public lands or reservations are covered by a public land survey, the project boundary must enclose each of and only the smallest legal subdivisions (quarter-quarter section, lots, or other subdivisions, identified on the map by subdivision) that may be occupied in whole or in part by the project.

The proposed project boundary is shown on Map 2 and Map 2A. Approximately 7.6 acres of Federal lands, and approximately 25.9 acres for a spoils area, and an undetermined amount of private land, are anticipated to be included in the project at or near the dam site, exclusive of the dam and including the Transmission Line.

To the best of Applicant's knowledge, no public land survey has been conducted at the Project site.

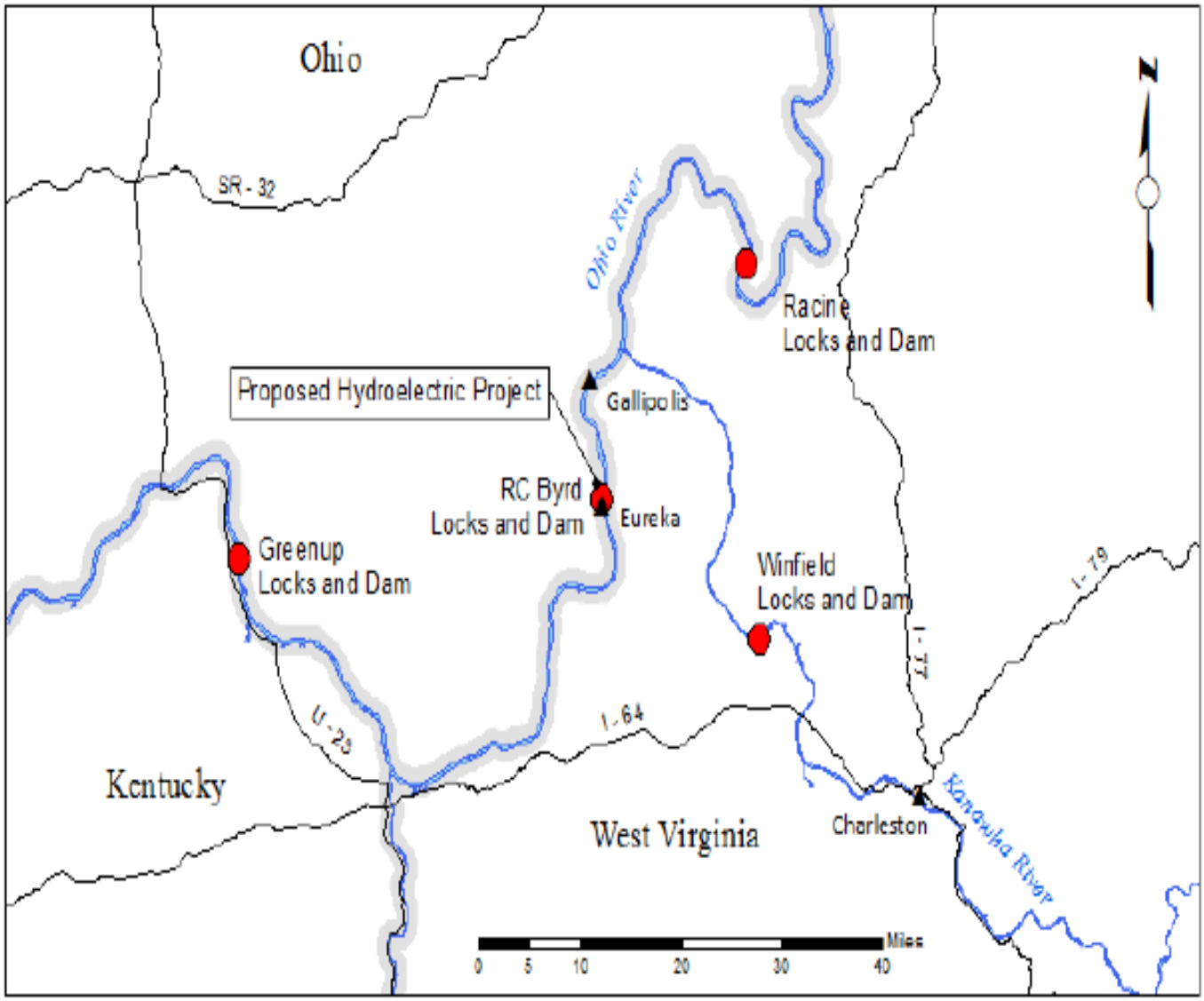
(4) Areas within or in the vicinity of the proposed project boundary which are included in or have been designated for study for inclusion in the National Wild and Scenic Rivers System:

No areas in the project vicinity are included (or are known to have been designated for study for inclusion) in the National Wild and Scenic Rivers System.

(5) Areas within the project boundary that, under the provisions of the Wilderness Act, have been:
(i) Designated as wilderness area;
(ii) Recommended for designation as wilderness area; or
(iii)Designated as wilderness study area:

No areas within the project boundary have been designated as wilderness area. No areas within the project boundary are known to be recommended for designation as wilderness area or designated as wilderness study area.

Project Maps



R.C. Byrd Locks and Dam
Proposed Hydroelectric Power Plant Project

Location Map 1-A

Ohio Power and Light, LLC.

February 2021

Legend

Project Location

0 2 4

Miles

N

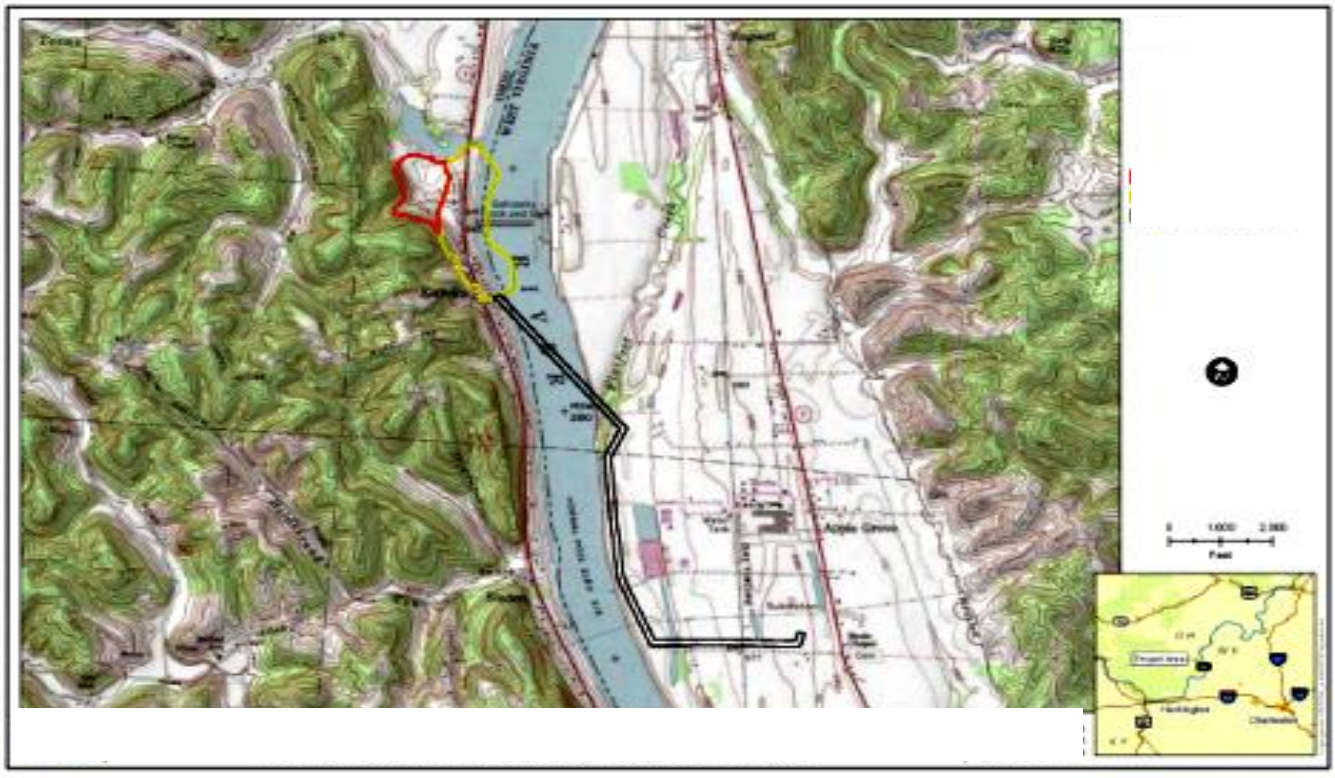
R. C. Byrd Locks and Dam

Proposed Hydroelectric Power Plant Project

Location Map 1-B

Ohio Power and Light, LLC

February 2021



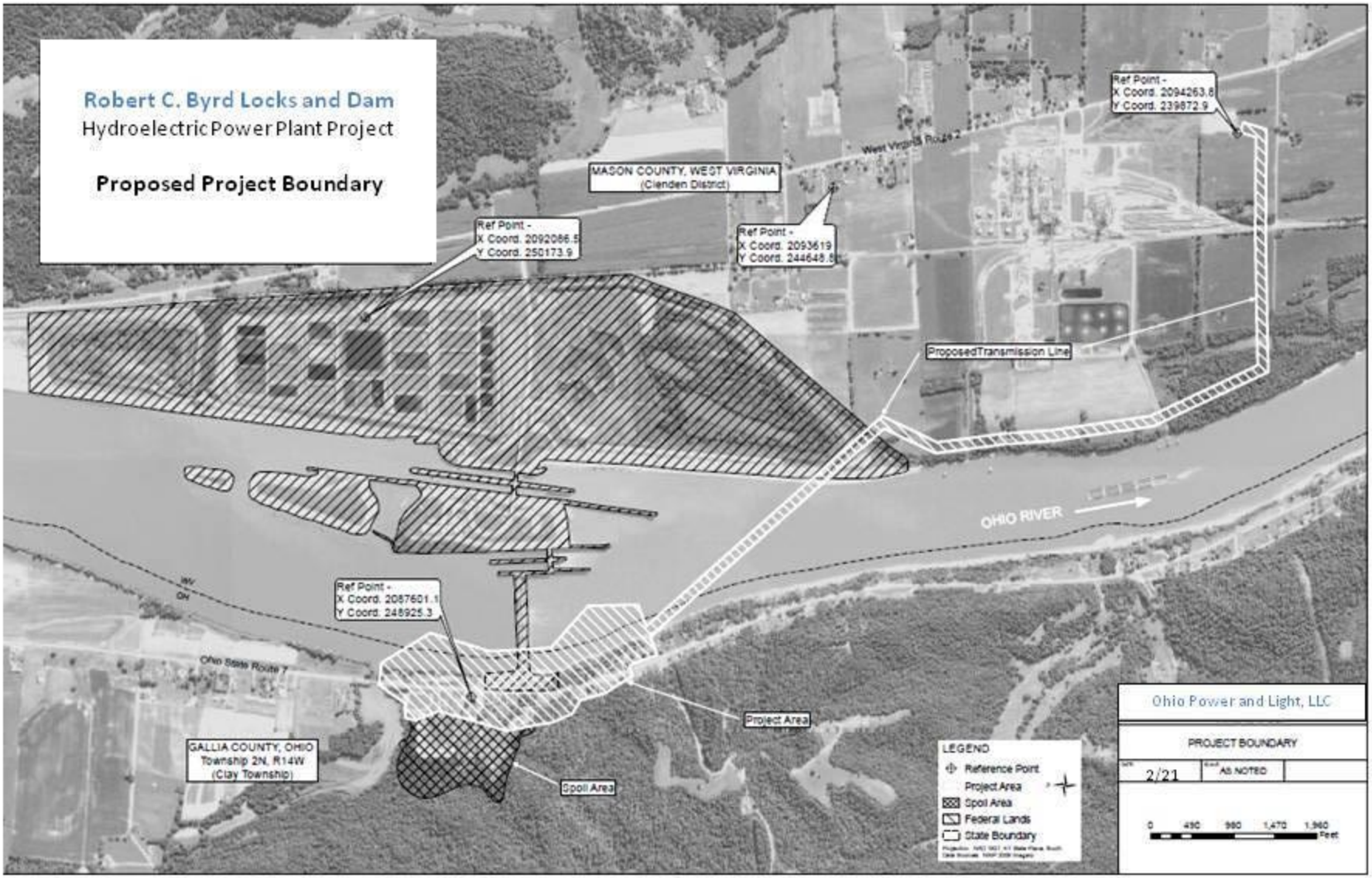
Project Footprint of the Proposed
R.C. Byrd Hydroelectric
Power Plant Project

Potential Spoils Area
Project Boundary
Transmission Line Corridor

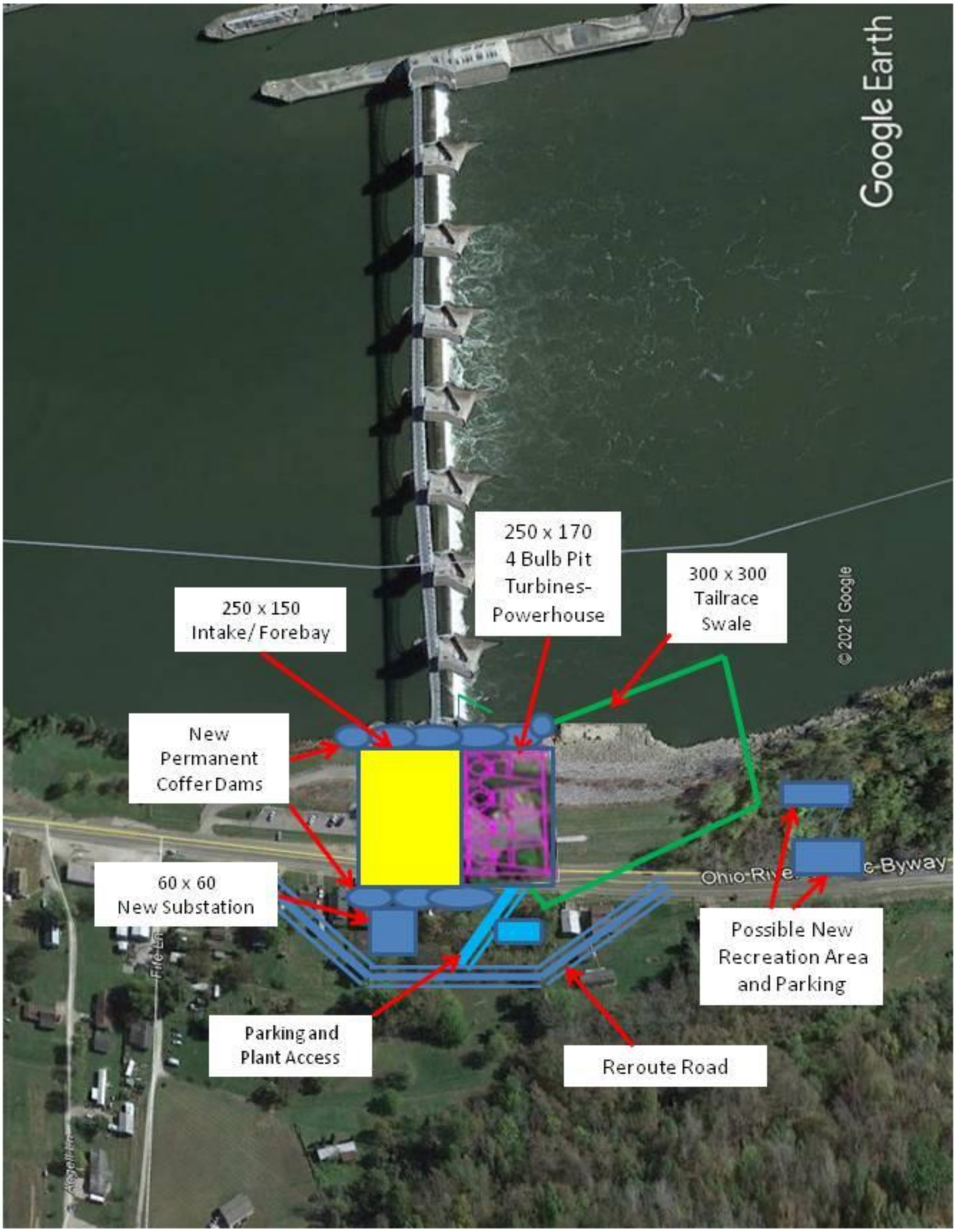
Ohio Power and Light, LLC.

February 2021

Map 2


Robert C. Byrd Locks and Dam
Hydroelectric Power Plant Project
Proposed Project Boundary
MASON COUNTY, WEST VIRGINIA
(Clenden District)
West Virginia Route 2
Ref Point -
X Coord. 2092086.5
Y Coord. 250173.9
Ref Point -
X Coord. 2093619
Y Coord. 244648.8
Ref Point -
X Coord. 2094263.6
Y Coord. 239872.9
ProposedTransmission Line
OHIO RIVER
Ref Point -
X Coord. 2087601.1
Y Coord. 248925.3
Ohio State Route 7
Project Area
Spoil Area
GALLIA COUNTY, OHIO
Township 2N, R14W
(Clay Township)
LEGEND
Reference Point
Project Area
Spoil Area
Federal Lands
State Boundary
Ohio Power and Light, LLC
PROJECT BOUNDARY
2/21
AS NOTED
0 490 980 1,470 1,960
Feet

Map 2 A



RC Byrd Locks and Dam -- 21 MW-Hydropower Project
FERC Preliminary Permit Conceptual Layout
MAP 3

Appendix A

Sean D Logan
DIRECTOR
Ohio Department of Natural Resources
2045 Morse Road
COLUMBUS, OHIO 43229
UNITED STATES

JAMES KENNEDY
DIRECTOR
Ohio Public Utilities Commission
FORECASTING AND POWER SITING DIVISION
180 E Broad St Fl 3
Columbus, OHIO 432153707
UNITED STATES

Sherrod Brown
Senator
U.S. Senate
713 Hart Senate Office Bldg
RTS - Return to Sender
Washington, DISTRICT OF COLUMBIA 20510
UNITED STATES

WV HYDRO CORP
AGENT
WEST VIRGINIA HYDRO INC.
PO Box 5550
Aiken, SOUTH CAROLINA 29804-5550
UNITED STATES

BERNARD E IMHOFF
OHIO WATER SERVICE COMPANY
SERVICE CENTER
6650 South Ave
Boardman, OHIO 44512-3624
UNITED STATES

FERC Contact
U.S. Fish & Wildlife Service
4625 Morse Rd, Ste 104
Columbus, OHIO 43230-8355
UNITED STATES

FERC Contact
U.S. Coast Guard
Willowbrook, ILLINOIS
UNITED STATES

Rob Portman
Senator
U.S. Senate
448 Russell Senate Office Bldg.
Washington, DISTRICT OF COLUMBIA 20510
UNITED STATES

Nick Chevance
Regional Environmental Coord
U.S. National Park Service
601 Riverfront Drive
Omaha, NEBRASKA 68128
UNITED STATES

US Army Engineers
US Army Corps of Engineers
U.S. Army Corps of Engineers
Cincinnati, OHIO
UNITED STATES

Ohio Environmental Protection Agency
FERC Contact
Ohio Environmental Protection Agency
50 W. Town, Suite 700
Columbus, OHIO 43215
UNITED STATES

Project Manager - Hydro
U.S. Army Corps of Engineers, Pittsburgh District
2200 W. S. Moorhead Federal Bldg
1000 Liberty Ave
PITTSBURGH, PENNSYLVANIA 15222-4186
UNITED STATES

U.S. Army Corps of Engineers
WM. S. MOORHEAD FED. BLDG.-PITTSBURGH
1000 LIBERTY AVE
PITTSBURGH, PENNSYLVANIA 15222-4004
UNITED STATES

FRED CUTLIP
INTERGOVERMENTAL REVIEW
COMMUNITY AND INDUSTRIAL DEVELOPMENT
BUILDING 6, ROOM 553.,S.CAPITOL COMPLEX
CHARLESTON, WEST VIRGINIA 25305
UNITED STATES

Regional Director
LANDS, WATERSHED & MINERALS
626 E Wisconsin Ave
Milwaukee, WISCONSIN 53202-4616
UNITED STATES

US Fish & Wildlife
U.S. Fish & Wildlife Service
Ste 101
State College, PENNSYLVANIA
UNITED STATES

Kerry D. Bledsoe
Fishery Biologist
West Virginia Division of Natural Resoruces
PO Box 99
Morgantown, WEST VIRGINIA 26571-0099
UNITED STATES

DAVID M COON
SUPERVISOR
Wisconsin Valley Improvement Company
2301 3rd St
Wausau, WISCONSIN 544033202
UNITED STATES

SECTION CHIEF
U.S. Environmental Protection Agency
REGION III
1650 Arch St
Philadelphia, PENNSYLVANIA 191032029
UNITED STATES

PENNSYLVANIA .
Pennsylvania Fish & Boat Commission
Bellefonte, PENNSYLVANIA
UNITED STATES

Joe Manchin
Senator
U.S. Senate
306 Hart Senate Office Bldg
WASHINGTON, DISTRICT OF COLUMBIA 20510
UNITED STATES

Shelley Moore
SENATOR
U.S. Senate
172 Russell Senate Office Building
WASHINGTON, DISTRICT OF COLUMBIA 20510
UNITED STATES

ALAN B MOLLAHAN
HONORABLE
U.S. House of Representatives
WASHINGTON, DISTRICT OF COLUMBIA 20515
UNITED STATES

General Counsel
West Virginia Public Service Commission
PO Box 812
Charleston, WEST VIRGINIA 25323
UNITED STATES

Hoss HL Liaghat
Pennsylvania Department of Environmental Protection
400 Market street
Harrisburg, PENNSYLVANIA 17105
UNITED STATES

US Army Engineers
US Army Corps of Engineers
U.S. Army Corps of Engineers
Cincinnati, OHIO
UNITED STATES

Project Manager - Hydro
U.S. Army Corps of Engineers, Pittsburgh District
2200 W. S. Moorhead Federal Bldg
1000 Liberty Ave
PITTSBURGH, PENNSYLVANIA 15222-4186
UNITED STATES

Attachment B

Form FERC-587
OMB No. 1902-0145
(Expires 10/31/2021)

LAND DESCRIPTION

Public Land States
(Rectangular Survey System Lands)

1. STATE Ohio 2. FERC PROJECT NO. _____

3. TOWNSHIP 2N RANGE 14 N MERIDIAN First

4. Check one:

_____License
__X__Preliminary Permit

Check one:

__X__Pending
_____Issued

If preliminary permit is issued, give expiration date:_____

5. EXHIBIT SHEET NUMBERS OR LETTERS

Section 6	**5**	**4**	**3**	**2**	**1**
7	**8**	**9**	**10**	**11**	**12**
18	**17**	**16**	**15**	**14**	**13**
19 G2	**20**	**21**	**22**	**23**	**24**
30	**29**	**28**	**27**	**26**	**25**
31	**32**	**33**	**34**	**35**	**36**

6. contact's name Alan W. Skelly

telephone no. (937-802-8866)

Date submitted February _____, 2021

This information is necessary for the Federal Energy Regulatory Commission to discharge its responsibilities under Section 24 of the Federal Power Act.