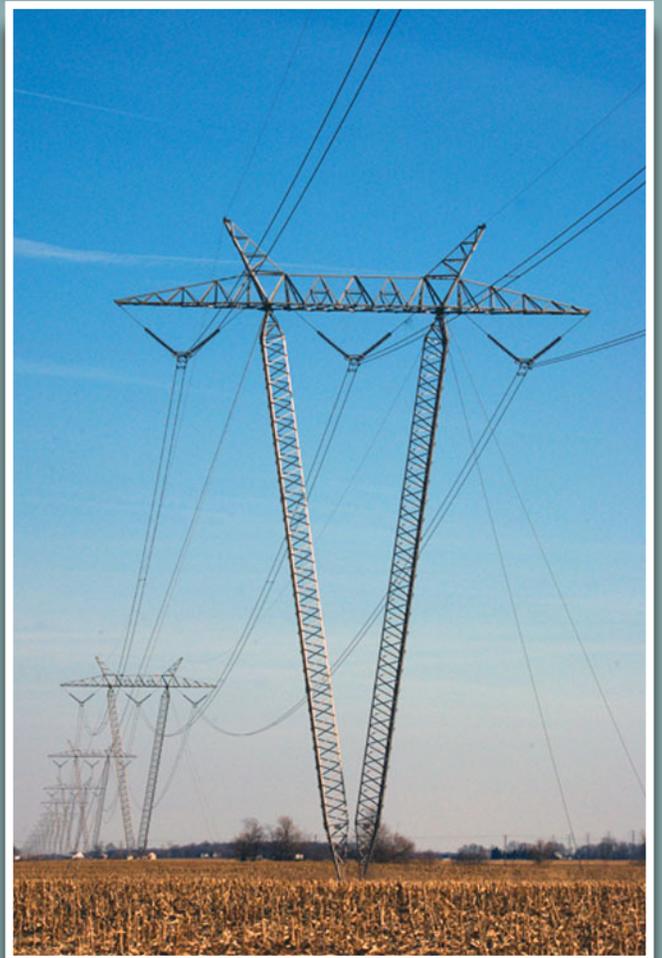


Ohio

Power Siting Board

2011 Annual Report



Power Siting Board

John R. Kasich, Governor

Todd A. Snitchler, Chairman

Board Members

Scott Nally
Ohio Environmental Protection Agency

Christiane Schmenk
Ohio Department of Development

Theodore E. Wymyslo, M.D.
Ohio Department of Health

Jim Zehringer
Ohio Department of Natural Resources

David Daniels
Ohio Department of Agriculture

Jeffery J. Lechak, P.E.
Public Member

Louis W. Blessing Jr.
Ohio House of Representatives

Jay Goyal
Ohio House of Representatives

Shannon Jones
Ohio Senate

Tom Sawyer
Ohio Senate

Governor John R. Kasich and Members of the Ohio General Assembly:

During 2011, the Ohio Power Siting Board continued to provide support for a sound energy policy and a strong future for Ohio. As utilities retire older coal-based electric generation plants, a significant increase in the need for new transmission delivery lines is expected. These lines will provide critical support for Ohio's electric grid during the transition to new generation sources. The Board also continues to be actively involved in the siting of alternative energy sources such as wind power and electric generation from waste heat, gas and coal products.

During the year the Board oversaw the construction the state's largest single commercial wind facility. These facilities will continue to support the utilization of Ohio's resources while remaining ecologically sensitive.

The Board continues the approval of qualifying transmission projects that will help assure the supply and reliability of electricity and natural gas in Ohio. The Board scrutinizes proposed facilities and sites them fairly and expeditiously.

Throughout the siting and construction process, the Board protects Ohio's economic interests while minimizing land use impacts. Citizen participation in the siting process remains high, and the Board has persisted in keeping interested stakeholders involved.

We look forward to your continued support in meeting the challenges of this changing energy and regulatory world. Together with Ohio's elected officials, the utility industry, and the public at large, we strive to build a strong and competitive foundation for our future.

Sincerely,



Todd A. Snitchler
Chairman

2011 Annual Report

2011 Year in Review	3
Member Bios	4
Siting Process	14
Process Flowchart	16
Board Timeline.....	17
Generating Facility Applications.....	18
Electric Transmission Applications.....	19
Wind Facility Applications.....	22
Gas Transmission Applications	25
Letters of Notification	25
Generation Status	27
Financial Report	
2011 Expenses.....	29
Project Expenditures.....	32
2011 Receipts	33
Major Project Status.....	35
Number of Projects Processed.....	35

Mission statement

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.

Year in review

This year the Board administered three applications to construct electric generation projects in Ohio. The Board also processed seven electric transmission projects and one gas transmission pipeline. Additionally, 33 requests for smaller facilities were submitted to the Board.

The Board continues to monitor restoration of projects that were completed in the previous two years. This annual report includes a summary and status of ongoing projects. Power siting in Ohio continually improves with the adoption of new technologies, innovative construction and mitigation techniques, and enhanced coordination among various state agencies. In addition to an explanation of the power siting process, you will see examples of the process in action throughout the report.

The construction of a 152-turbine wind farm in Van Wert and Paulding counties is of particular note, as it is the largest wind facility built in Ohio to date. The eventual output of this single facility could grow to a capacity of 350 megawatts.



1 Windmill foundation during construction
2 Preparing to lift windmill blades during construction
3 View inside windmill shaft
4 Wind Farm



Todd A. Snitchler

Chairman Ohio Power Siting Board

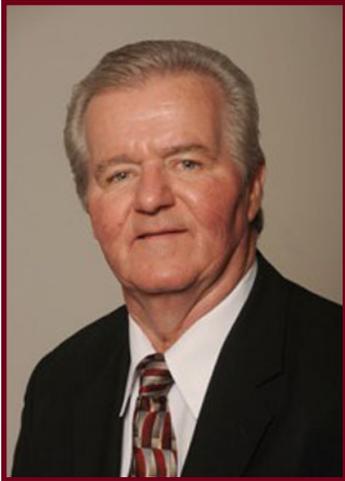
Chairman Todd A. Snitchler was appointed to the Public Utilities Commission of Ohio by Governor John Kasich in March 2011.

As chairman of the PUCO, Snitchler is the head of a 350-person agency that works to oversee the regulation of electric, natural gas, telecommunications, water, and commercial transportation in the state of Ohio. He is also the chairman of the Ohio Power Siting Board that reviews, evaluates, and approves the siting of electric generation plants and electric and natural gas transmission lines. Snitchler is a member of the National Association of Regulatory Utility Commissioners and serves on the association's committees on Gas and International Relations.

Before joining the Commission, Snitchler was elected to two terms in the Ohio House of Representatives, where he represented the 50th House District including parts of Stark County. In addition to serving in the Ohio Legislature, Snitchler was also an attorney in private practice. Snitchler is also a member of the Grove City College Alumni Council.

Chairman Snitchler received his bachelor's degree in history and secondary education/social science from Grove City College and his law degree from the University of Akron School of Law, where he served as executive editor of the Akron Law Review. He is a graduate of Leadership Stark County's 20th Class and an active member of The Chapel in North Canton.

Snitchler lives in Uniontown with his wife Melanie, with whom he has two children.



Dr. Tony Forshey

Interim Director

Ohio Department of Agriculture

Dr. Forshey practiced veterinary medicine for 27 years with an interest in swine production. He served on several major swine health manufacturer advisory boards including Elanco Animal Health, Pfizer Animal Health, Newport Laboratories and Schering Plough. He has served as an Adjunct Associate Professor at The Ohio State University, College of Veterinary Medicine, Department of Veterinary Preventive Medicine for the past 10 years.

Dr. Forshey serves as the vice-chair of the Ohio Livestock Care Standards Board; co-chair, the Swine Update Program, Department of Preventive Medicine, OSU; chair, the Ohio Veterinary Medical Association Swine Sub-Committee to the Ohio Department of Agriculture; chair, the equine and the aquaculture task forces for the department; and an ex-officio member of the Ohio Livestock Coalition and the Ohio Farm Bureau Federation boards of directors. He is a member of the Ohio Swine Health Advisory Board; the steering committee of The Ohio Pork Industry Center; the American Veterinary Medical Association; the Ohio Veterinary Medical Association; the United States Animal Health Association and the National Institute of Animal Agriculture boards of directors; the Ohio Pork Producer Council (OPPC) Producer Education Committee; the OPPC Swine Health and Research Committee; the Ohio Livestock Export Council; and the OSU Extension 4-H Animal Sciences Strategic Advisory Committee.

His honors and awards include: the Ohio Veterinary Medical Association's Veterinarian of the Year Award (2010); Ohio Pork Producers Council Service Award for Outstanding Service to the Ohio Swine Industry (1998); the Ohio Veterinary Medical Association's Meritorious Award for service to the Ohio Swine Industry(1997); the Outstanding Alumnus Award, Shenandoah High School, Sarahsville, Ohio (1996); Who's Who in American Society and Business Citation (1992); and the Outstanding Young Alumnus Award, The Ohio State University, College of Veterinary Medicine (1987).

Dr. Forshey was appointed interim director of the Ohio Department of Agriculture on Nov. 15, 2011.



Scott Nally

Director

Ohio Environmental Protection Agency

Ohio EPA Director Scott J. Nally was sworn into office by Governor John R. Kasich on January 10, 2011, and brings more than 20 years of public and private environmental management experience to the position.

Director Nally leads the cabinet-level agency that is responsible for implementing federal and state regulations to protect human health and the environment while ensuring the environmentally sound operations of business and government activities imperative to economic growth.

Director Nally comes to Ohio EPA after most recently spending the last six years at Ohio's sister agency in Indiana.

Director Nally has an undergraduate degree in biological sciences from North Carolina State University and a master's degree in science from the University of Wyoming.



Christine Schmenck

Director

Ohio Department of Development

Christine Schmenck became Director of the Ohio Department of Development on August 1, 2011. Schmenck oversees the Department's day-to-day activities and will lead the Department's restructuring efforts, ensuring Ohio's communities and businesses receive exceptional customer service. Prior to this appointment by Governor John K. Kasich, she served as chief legal counsel for the Department.

Before joining the Ohio Department of Development, Schmenck was Vice President of External Affairs at The Scotts Miracle-Gro Company. During her 17 years at Scotts, she also served as Assistant General Counsel, Chief Ethics and Compliance Officer, and Director of Environmental Stewardship. Schmenck also practiced law with Buckley, King and Bluso, LLP in Columbus, and was in-house corporate counsel with Wendy's International, Inc.

From 2008-2011, Schmenck served as Mayor of Marysville. During her tenure, the city stabilized its finances, completed a new regional wastewater treatment plant and began work on a new water plant, fire station, and police station. Active in her community, she has served as the President of the Union County Chamber of Commerce, a Trustee of Memorial Hospital of Union County as well as serving on the Executive Committee of the Ohio Chamber of Commerce Board of Directors.

Schmenck holds a law degree from The Ohio State University and a Bachelor of Arts degree in history and political science from Ohio Northern University. She was born and raised in Ohio and currently resides in Marysville with her husband, Mike, and their two children.



Jim Zehringer

Director

Ohio Department of Natural Resources

Director James Zehringer was formally named as Director of the Ohio Department of Natural Resources by Governor John Kasich on November 15, 2011. Prior to this appointment he served as Director of the Ohio Department of Agriculture.

He is the former owner of the Meiring Poultry and Fish Farm in Fort Recovery, which received several awards for outstanding environmental practices. He also served as a former State Representative for the 77th House District and as a Mercer County Commissioner.

The regulation of dangerous wild animals, environmentally safe development of shale in Ohio, and finding solutions to reduce phosphorous in the state's waterways are key priorities for Zehringer.

While Director of Agriculture, he worked with the Ohio EPA and Ohio Department of Natural Resources to develop local solutions to problems impacting Grand Lake St. Marys and to establish the Ag Nutrients Working Group to examine ways to reduce phosphorus from agricultural sources that impact Ohio's waterways.

During his tenure at the Department of Agriculture, Zehringer led the Ohio Livestock Care Standards Board in finalizing recommendations that have become the first set of comprehensive care rules in the nation. He was an active supporter of farmers and agribusinesses, and valued agriculture's importance to the state.



Dr. Theodore Wymyslo

Director

Ohio Department of Health

Dr. Theodore “Ted” E. Wymyslo was appointed by Ohio Governor John R. Kasich to serve as the Director of the Ohio Department of Health (ODH) on January 13, 2011. Dr. Wymyslo has worked in the field of primary health care as a family physician, administrator and educator for more than 30 years. As ODH director, Dr. Wymyslo works with Ohio’s 127 local health departments and public and private health partners across the state to improve the health and wellness of Ohio’s 11.5 million residents.

Prior to becoming the ODH director, Dr. Wymyslo served as the director of Family Medicine Dayton, a Patient-Centered Medical Home (PCMH) initiative. This initiative provides a structured method for ensuring that patients receive high quality care provided at the right time, by the right clinician and in the right setting.

Dr. Wymyslo also serves as the chair of the Ohio PCMH Education Advisory Group, which is responsible for developing PCMH model of care curriculum in medical and nursing schools in Ohio. The advisory group is also assisting 44 primary care practices as they transition to the PCMH model and work to keep Ohioans as healthy as possible.

A graduate of The Ohio State University College of Medicine, Dr. Wymyslo completed the Family Practice Residency Program at Mount Carmel Medical Center, ending the program with the distinction of being named chief resident. Upon graduation, he entered private practice and then served as medical director of the East Dayton Health Center in Dayton, Ohio. From 1986 to 2008, he served both as program director of the Miami Valley Hospital Family Practice Residency Program and medical director of the Miami Valley Hospital Berry Family Health Center. He is also an associate clinical professor in the Department of Family Medicine at the Wright State University Boonshoft School of Medicine.

Dr. Wymyslo has received many awards and accolades in recognition of his professional and public service accomplishments. He was named the first recipient of the Miami Valley Academy of Family Physicians Family Physician of the Year Award in 2001. Additionally, he received the Ohio Academy of Family Physicians Philanthropist of the Year Award in 2002, the American Academy of Family Physicians Philanthropist of the Year Award in 2003, and the AMA Foundation’s 2006 Pride in the Profession Award, as well as distinguished service awards from both the Ohio Academy of Family Physicians and the Montgomery County Medical Society. In 2009, he received the Torchlight Leadership Achievement Award from the Ohio Academy of Family Physicians.



Senator Tom Sawyer Ohio Senate, 28th District

Senator Tom Sawyer is currently an Ohio Senator representing Portage and Summit Counties in Northeast Ohio.

Senator Sawyer began his public career in 1976 in the Ohio House of Representatives. Drawing on his experience as an educator, he served as Chair of Ohio's House Education Committee.

After his tenure in the Ohio House of Representatives, Senator Sawyer was elected Mayor of Akron in 1983. He was then elected to the US Congress where he served for 16 years. In Congress, Senator Sawyer maintained his focus on education, serving on the Education Committee and authoring the National Literacy Act and the Eisenhower Mathematics and Science Improvement Act.

Sawyer served a brief tenure on the State Board of Education before filling the 28th District vacancy in the Ohio Senate in 2007. He now continues to work on the same issues that brought him to the legislature over 30 years ago: planning for a strong energy future and stabilizing the public education system in Ohio. He serves as Ranking Minority Member on the Senate Education Committee, and as a member on the Senate Energy and Public Utilities Committee and Finance Committee.



Senator David T. Daniels

Ohio Senate, 17th District

David Daniels is a native of Greenfield, Ohio, where he was born and raised, and where he and his father managed Daniels Brothers farm.

Following four successful terms in the Ohio House of Representatives, he was elected to the Ohio Senate in 2010 to serve the families of the 17th Ohio Senate District, which includes Clinton, Fayette, Gallia, Highland, Jackson, Pike, Ross, Vinton and portions of Lawrence and Pickaway counties. Prior

to being elected to the Ohio General Assembly, he served four years on the Greenfield City Council and eight as Mayor. He also served as a Highland County Commissioner for six years.

Food and agriculture is the No. 1 industry in Ohio, adding more than \$107 billion to the economy each year. In addition to providing leadership for the agricultural industry, the director of agriculture administers numerous regulatory, food safety, and consumer protection programs for the benefit of all Ohioans.

Daniels lives in Greenfield with his wife Karen. They have four children and six grandchildren.

UPDATE: Daniels was formally appointed Ohio Agriculture Director by Governor John R. Kasich on February 15, 2012.

Director Daniels brings the perspective of a family farmer, small businessman and local government official to the department. During his career of public service he fought against unnecessary red tape and regulations and to foster a healthy business climate to create new opportunities for jobs.



Representative Jay Goyal

Ohio House of Representatives, 73rd District

State Representative Jay Goyal (D-73rd District), first elected to the Ohio House of Representatives in November 2006, serves as the Majority Whip in the 128th Ohio General Assembly. Rep. Goyal proudly serves his hometown of Mansfield and other areas of Richland County in the Ohio House of Representatives.

In his second term at the Ohio House of Representatives, Rep. Goyal has been appointed as the vice chair of the Faith-based Initiatives committee and member of the Veterans Affairs; Finance and Appropriations; and Economic Development committees, as well as the Agriculture subcommittee of Finance and Appropriations - a testament to his work ethic and diverse background. He has also been appointed as a member of Governor

Ted Strickland's Auto Industry Recovery Council. He received the 2008 Elected Official Award from the District 5 Area Agency on Aging, the Outstanding Legislator Award from the Fraternal Order of Police, and the 2009 Legislator of the Year from the Ohio Association of Developmental Disabilities. He was one of two members of the Ohio House selected by a bi-partisan panel to receive a fellowship for the Bowhay Institute for Legislative Leadership Development, and received the prestigious "Eagle Award" from the Ohio Civil Rights Commission for his historic achievements in politics. Rep. Goyal was selected as an Honorary Member of the Phi Theta Kappa International Honor Society. He was also one of three members of the House of Representatives to serve on the 2009 Joint House-Senate Budget Conference Committee.

Rep. Goyal has focused on technology based economic development in his time in the legislature. He has introduced House Bill 348 which incentivizes \$100 million of private venture capital investments in Ohio and House Bill 123 which works towards keeping Ohio graduates in the fields of science, technology, engineering, and math in the state of Ohio after graduating. He introduced House Joint Resolution 12 which placed the renewal of the Third Frontier initiative on the ballot. The Third Frontier initiative is one of the state's most effective job creation programs. He has also introduced and enacted into law House Bill 140 which would encourage more universities to participate in technology commercialization and transfer.

After graduating from college, Rep. Goyal came home to become vice president of Goyal Industries, the manufacturing firm founded by his father. Rep. Goyal has been responsible for directing many key functions of the mass transit and passenger rail manufacturing business; coordinating the negotiation, purchasing, production, and installation of various projects; and expanding the company's market share to New York and Chicago. Rep. Goyal has been an active member of the mass transit manufacturing community, serving with the American Railroad Engineering and Maintenance Association and the Institute for Electrical and Electronic Engineers Committee on Railroad Electrification.

Rep. Goyal's sense of service extends far beyond the political realm. His work within Richland County includes a seat on the Board of Directors for the United Way of Richland County, the North Central State University Foundation, and the University and College Access Network. He has also served on the board for the Rehabilitation Center of North Central Ohio and as a member of the United Way's Allocations and Community Relations Committees, the Richland County Citizens' Vision Board, the Richland County Manufacturing Coalition, the Richland County Democrat Party, the Progress Industries Business Advisory Board, the Mansfield-Richland Chamber of Commerce, the Farm Bureau, and the National Federation of Independent Businesses.

Rep. Goyal graduated from Northwestern University with a bachelor's degree in industrial engineering. Internships at General Motors Corporation and the National Cooperative Business Association supplemented his class work.



Representative Louis W. Blessing Ohio House of Representatives, 29th

State Representative Louis Blessing, Jr. has spent more than 27 years in the Ohio Legislature. He returned to the Ohio House of Representatives in 2005, after serving in the Ohio Senate from 1997 to 2004. He also previously served as a state representative from 1983 until 1996. Representative Blessing represents the 29th House District, which includes portions of Hamilton County. He was elected by his colleagues to serve as Speaker Pro Tempore of the Ohio House of Representatives during the 129th General Assembly.

Representative Blessing graduated from LaSalle High School and attended the University of Cincinnati, where he received a bachelor's degree in economics. He received his law degree from the Salmon P. Chase College of Law at Northern Kentucky University.

Prior to joining the Legislature, Representative Blessing worked as an attorney in Cincinnati. He also served as Common Pleas Court Referee for the Hamilton County Court of Common Pleas and as a Colerain Township Trustee. Additionally, he was a member of the Hamilton County Township Trustees and Clerks Association.

Representative Blessing was named Legislator of the Year by the Hamilton County Township Association and has received the Watchdog of the Treasury award numerous times. He remains active in his community through his involvement with St. Ann's Church, the Hamilton County Republican Central Committee and LaSalle High School.

Representative Blessing and his wife Linda have two sons, Billy and Alex.

Ohio's siting process

Before construction can begin on any major utility facility within the state of Ohio, a certificate of Environmental compatibility and public need must be obtained from the Board. The Ohio Revised Code defines a major utility facility as “a generating plant of 50 megawatts (MW) or more; an electric transmission line of 125 kilovolts (kV) or more; or gas or natural gas transmission which is more than nine inches in outside diameter and is designed for, or capable, of transporting gas at pressures in excess of 125 pounds per square inch. The statute also requires wind generation of 5 MW or greater to be certificated by the Board.

The 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 departments of Agriculture, Development, Health, and Natural Resources; and a public member. The public representative, 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 chairman of the PUCO serves as the chairman of the Ohio Power Siting Board. The Board's staff is drawn from the member agencies' staff and coordinates its work with other state and federal agencies with a stake in siting activities.

Pre-application

Before filing an application which demonstrates environmental compatibility and public need for a proposed facility, the applicant may request a pre-application conference. Local officials in the areas affected by the proposed facility are notified of the pre-application conference. The conference serves as an opportunity for clarification of the Board's rules and regulations, identification of potential problems with the project and notification of possible requests for waivers or departures from the Board's rules.

Public informational meeting

Prior to any formal filings, the applicant is required to hold a public informational meeting. The purpose of this meeting is to advise affected parties of the upcoming project. Also, public input and concerns are gathered by the applicant to aid in preparing an application.

The application

Upon completion of the public informational meeting, the application for the proposed facility is filed with the Board. The application must describe its impact on the surrounding area.

Additionally, applications for transmission lines must also include fully developed information on two routes and discuss the need for the facility. While one of the routes is designated “preferred” by the applicant, both the preferred and alternate routes must be actual and viable routes that the Board could approve. The preferred designation does not indicate any favor or prior approval of the Board.

Once the application is received, the Board's Staff has 60 days to complete a review to determine if the application complies with the Board's requirements. If it does not, the application is rejected until the deficiencies are corrected. When the application is determined to be complete, it is served on local public officials in the area of the project and legal notices are published in newspapers in those areas impacted by the proposed facility. The legal notice must include a listing of the area libraries where a copy of the application may be viewed. Also during this period, interested parties have the opportunity to be recognized as intervenors in the case.

Staff report

The Board's staff members carefully review the application and consult with and solicit written comments from other interested state and federal agencies. A staff report containing the staff's findings and recommendations must be made available 15 days 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

Adjudicatory, or formal legal hearings, and public hearings are held. The public hearing enables citizens, interest groups and governmental entities to present testimony.

A hearing officer, who is an attorney, presides over the hearings in the capacity of a judge. Exhibits are marked and a court reporter records all proceedings and testimony. Following the hearings, the record in the case is closed and the hearing officer recommends an action to the Board. The Board reviews and discusses the information presented in the case and then makes its ruling.

The Board's decision

In making its decision, the Board must find and determine eight statutory criteria:

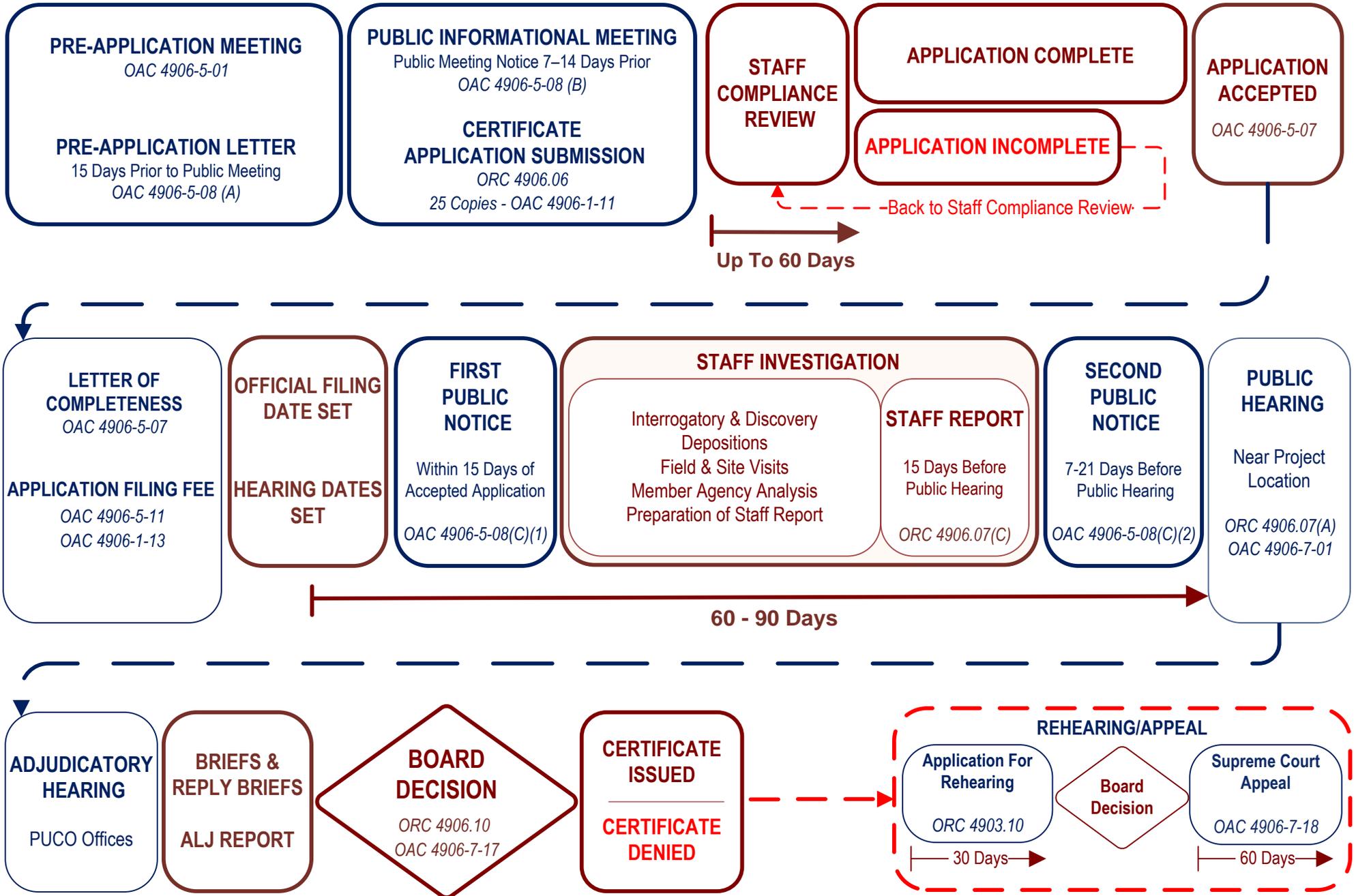
1. The need for the facility, if it is a transmission line;
2. The probable environmental impact of the proposed facility;
3. Whether the facility represents the minimum adverse environmental impact, considering the technology that is available and the nature and economics of alternatives;
4. In the case of electric transmission lines or electric generation facilities, that the facility is consistent with regional plans for expansion of the electric power grid of the electric systems serving Ohio and interconnected systems and that the facility will serve the interests of electric system economy and reliability;
5. The facility will comply with all air and water pollution control and solid waste disposal laws and aviation regulations;
6. The facility will serve the public interest, convenience and necessity;
7. The facility's impact on the viability as agricultural land of any land in an existing agricultural district; and
8. The facility incorporates maximum feasible water conservation practices as determined by the Board, considering available technology and the nature and economics of various alternatives.

Rehearings and appeals

The Board follows the PUCO procedure regarding rehearing. Similar to the PUCO, all decisions made by the Board may be appealed to the Ohio Supreme Court.

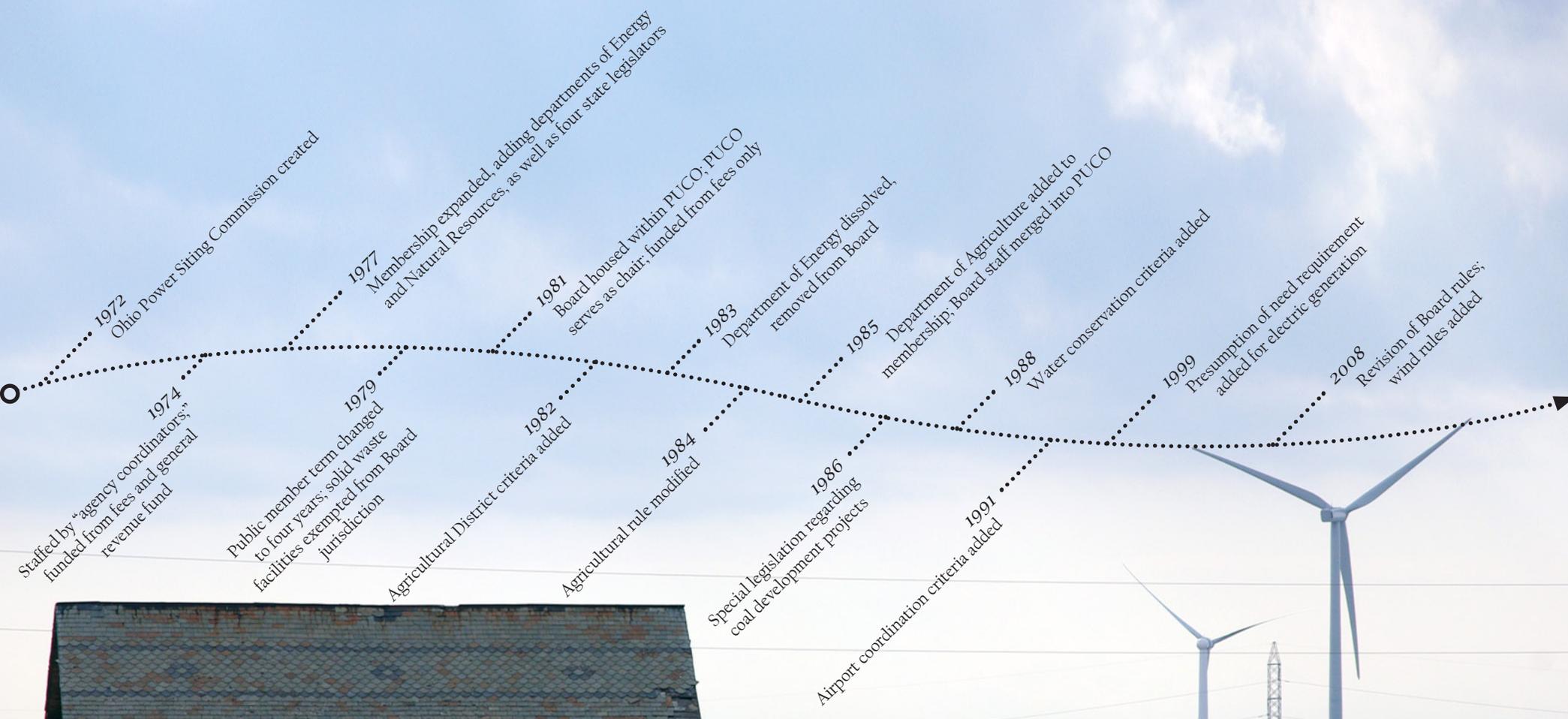
OHIO POWER SITING PROCESS FLOWCHART

(Statute/Rule References and Select Blocks are Clickable Internet Links)



Construction and Operation are Monitored by the Board

Conditions of Certificate Apply for the Life of the Facility



Generating facility applications

Project: Compressed Air Energy Storage (CAES)
 Company: Norton Energy Storage, LLC
 Case: 99-1626-EL-BGN
 Location: Norton, Summit County
 Status: Construction commenced on May 16, 2011



Norton Energy Storage, LLC, proposed to utilize the existing PPG limestone underground mine in the city of Norton for storing compressed air to generate electricity during peak demands. The project would be developed in phases up to 2700 MW. The application was filed on October 24, 2000. The Board approved the certificate on May 21, 2001. A 30-month extension was approved by the Board on March 20, 2006, and an additional 30-month extension was approved by the Board on June 2, 2008. On November 23, 2009, staff was notified that FirstEnergy Generation Corporation had purchased the membership interest of Norton Energy Storage, LLC, from CAES Development Company, LLC.

Project: Lima Energy IGCC Station
 Company: Lima Energy Company
 Case: 00-513-EL-BGN
 Location: Lima, Allen County
 Status: Construction activities on hold



Lima Energy Company, a wholly-owned subsidiary of Global Energy in Cincinnati, Ohio, proposed to build a 580 MW base load plant in Lima, Ohio. The combustion turbines would use synthetic gas, generated by a gasifier using coal or petcoke as feedstock. The plant will be located at a brownfield site in Lima, known as Liberty Commons. The application was filed on July 25, 2000, and the Board certificated the project on May 20, 2002. An amendment revising the gasifier technology, accompanying equipment and gasifier feedstock was approved by the Board on November 22, 2004 (case 04-1011-EL-BGA). Construction of the facility began in November 2005. Construction of the coal storage facility foundation and flooring has been completed, and demolition of structures has taken place. The applicant is continuing to pursue financing alternatives.

Project: Fremont Energy Center
 Company: American Municipal Power, Inc.
 Case: 00-1527-EL-BGN
 Location: Sandusky Township, Sandusky County
 Status: Construction activities ongoing



Calpine Corporation started to construct a 540 MW natural gas-fired combined-cycle electric generating facility with peaking capabilities of 704 MW. When the facility was approximately 70 percent complete, Calpine placed the

Fremont Energy Center on the market in the spring of 2007, under the auspices of the Bankruptcy Court of Southern New York. The final bidding took place on January 28, 2008. FirstEnergy was the highest bidder, with a bid of \$253.6 million. The certificate was transferred to FirstEnergy on March 3, 2008. On July 25, 2011, the certificate was transferred to American Municipal Power, Inc.

Project: Dresden Energy Facility
 Company: Appalachian Power Company
 Case: 00-686-EL-BGN
 Location: Cass Township, Muskingum County
 Status: Construction activities ongoing



Dresden Energy is building a 500 MW combined-cycle gas turbine facility, with peaking capabilities of 704 MW, located in Cass Township, Muskingum County. The Board issued the original certificate to Dresden Energy, LLC on February 12, 2001. The Board approved a transfer of certificate to AEP Generating company on August 20, 2007, and again to Appalachian Power Company on July 26, 2011. The applicant is ramping up its construction schedule and targeting commercial operation to be online by 2012.



OPSB staff monitors construction activities at the Dresden Energy plant

Project: Lima Energy IGCC Station Amendment
 Company: Lima Energy Company
 Case: 04-1011-EL-BGA
 Location: Lima, Allen County
 Status: Construction activities are on hold



On June 23, 2004, the applicant filed this amendment to modify certain aspects of its certificated IGCC electric power production facility (case 00-513-EL-BGN). Specifically, the applicant requested a change in the technology to be used to manufacture the synthetic gas which would be used as fuel for the combined cycle electric generation facility. The facility, as originally certificated, included a fixed bed slagging gasifier

technology. Lima Energy's proposal in the amendment was to use a slurry-fed, entrained flow, slagging gasification technology. Various additional equipment, gasifier feedstock, and process changes accompanied the proposed gasification technology change. The Board certificated this amendment on November 22, 2004. Construction of the facility began in November 2005. Construction of the coal storage facility foundation and flooring has been completed, and demolition of structures has taken place. The applicant is continuing to pursue financing alternatives.

Project: Great Bend IGCC Project
Company: American Electric Power
Case: 06-30-EL-BGN
Location: Meigs County
Status: The applicant has suspended the project



AEP-Ohio proposed to construct the Great Bend IGCC Project. This project involves the installation of a new integrated gasification combined cycle electric generating station. The applicant filed their application on March 24, 2006. Staff filed its staff report on November 27, 2006. A public hearing was held on December 12, 2006, at the Meigs High School in Pomeroy. The adjudicatory hearing was convened on December 14, 2006, and continued until January 30, 2007, at which point it was again continued. On March 9, 2007, the parties filed a stipulation resolving all issues in this proceeding. The Board granted approval for the project on April 23, 2007.

Project: American Municipal Power Generating Station
Company: American Municipal Power Ohio, Inc.
Case: 06-1358-EL-BGN
Location: Meigs County
Status: Construction halted



This proposed project involves the construction of a new 960 MW electric generating facility in Meigs County. A public informational meeting was held on December 5, 2006. The application was filed on May 4, 2007, and supplemented with additional information on June 11, 2007 and June 19, 2007. The staff report was filed on October 16, 2007. The public hearing was held in Meigs County on November 1, 2007, with approximately 150 people in attendance. Adjudicatory hearings were held during the period of December 11, 2007, through January 4, 2008. Post-hearing briefs were filed January 28, 2008, and reply briefs were filed February 8, 2008. The Board issued a certificate for the facility on March 3, 2008. A request for rehearing was filed by citizen groups on April 2, 2008, and the request was denied by the Board on April 28, 2008. The Board granted modification to certain certificate conditions on July 13, 2009. On October 20, 2009, AMP filed notice to staff stating construction commenced for certain areas of the plant. On January 8, 2010, AMP filed notice that the participants of

the AMP project determined that the generating station would not proceed as a pulverized coal generation facility.

Project: FDS Cogeneration Facility
Company: FDS Coke Plant, LLC
Case: 07-703-EL-BGN
Location: Toledo, Lucas County
Status: Awaiting start of construction



FDS is developing a coking plant in the vicinity of the Toledo port in Lucas County. In conjunction with the coke plant, FDS proposes to capture waste heat to generate electricity. The proposed 135 MW cogeneration facility would occupy five acres of the 51 acre coke plant parcel. An application was received on September 12, 2007. The application was initially deemed to be incomplete on November 1, 2007. On June 2, 2008, the applicant filed supplemental information for the application pertaining to the MISO Interconnection Queue and a diagram of the proposed facility. On June 13, 2008, the application was deemed to be in compliance with the Board's rules. The staff report was docketed on August 29, 2008. The local public hearing was held on September 16, 2008, and the adjudicatory hearing commenced on September 18, 2008. The Board certificated the project on October 28, 2008.

Project: AK Steel Corporation Middletown Works
Company: Air Products and Chemicals
Case: 10-847-EL-BGN
Location: Middletown, Butler County
Status: Under Investigation



Air Products and Chemicals, Inc. filed its application on November 10, 2010. A completeness letter was issued on January 7, 2011. The applicant plans to construct and operate a combined cycle power electric and steam generation facility adjacent to AK Steel's plant in Middletown. The plant will capture and process waste blast furnace gas to produce electricity and process steam. At the request of the applicant, the hearing schedule has been postponed indefinitely.

Electric transmission applications

Project: Toledo Refinery 138/69 kV Substation Project
Company: BP-Husky Refining, LLC
Case: 09-750-EL-BSB
Location: Lucas County
Status: Under construction



On September 23, 2009, the applicant filed an application with the Board to construct a new 138/69 kV transmission substation. The substation will facilitate the installation of new catalyst technology that is more reliable and operates with reduced air emissions. The preferred and alternate sites are located in an industrial area, adjacent to the Toledo refinery. Electrical interconnections for the

proposed facility are the subject of a separate filing with the Board (case 09-860-EL-BLN). A local public hearing was held on January 21, 2010, and the adjudicatory hearing commenced on January 27, 2010. The Board certificated this project on March 22, 2010. Security fencing, foundations and circuit breaker assemblies have been installed.

Project: Meldahl Substation
 Company: City of Hamilton and American Municipal Power
 Case: 10-2439-EL-BSB
 Location: Clermont County
 Status: Pending before the Board



The city of Hamilton and American Municipal Power, Inc. are presently constructing a 105 MW hydroelectric power generating facility on the Ohio River at the existing Meldahl Locks and Dam. This application is for a substation to interconnect a new proposed 138 kV transmission line (10-2440-EL-BTX) with the existing 345 kV Zimmer-Spurlock transmission line. The application was filed on May 4, 2011. The staff report was issued on September 28, 2011 and the public hearing was held on October 13, 2011. The adjudicatory hearing commenced on October 18, 2011.

Project: Meldahl 138 kV Transmission Line
 Company: City of Hamilton and American Municipal Power
 Case: 10-2440-EL-BTX
 Location: Clermont County
 Status: Pending before the Board



The City of Hamilton and American Municipal Power, Inc. are presently constructing a 105 MW hydroelectric power generating facility on the Ohio River at the existing Meldahl Locks and Dam. This application is for a 138 kV electric transmission line from the new hydroelectric facility to the existing 345 kV Zimmer-Spurlock transmission line, approximately two miles inland from the Ohio-side landing of the river crossing. The application was filed on May 4, 2011. The staff report was issued on September 28, 2011 and the public hearing was held on October 13, 2011. The adjudicatory hearing commenced on October 18, 2011.

Project: Great Bend IGCC 345 kV Transmission Line
 Company: American Electric Power
 Case: 06-309-EL-BTX
 Location: Meigs County
 Status: The applicant has suspended the project



On February 14, 2006 AEP-Ohio requested a case number be opened for an application to construct a 345 kV transmission line to support their proposed Great Bend IGCC project to be built in Meigs County. The applicant also filed a motion to clarify its original waiver of fully developed information on an alternate route and to

waive the 20 percent in-common rule on July 25, 2006. The administrative law judge approved the applicant's motions for waivers. An application has not been filed.

Project: 345 kV Transmission Line
 Company: American Municipal Power Ohio, Inc.
 Case: 06-1357-EL-BTX
 Location: Meigs County
 Status: Awaiting start of construction



The applicant plans to construct approximately five miles of double circuit 345 kV transmission line, including related facilities, to provide an interconnection for their proposed electric generation plant. The new transmission line would be connected to the existing 345 kV Sporn-Muskingum River Transmission Line, located to the north. The line would be installed on self-supported steel structures. These poles would typically be approximately 150 feet in height and have conductor spans ranging from 750 feet to 1,200 feet. The line requires a 150-foot right of way to maintain reliability. An application was filed on October 31, 2007. The staff report was filed on October 7, 2008. The local public hearing was held on October 22, 2008, and the adjudicatory hearing commenced on October 27, 2008. The Board certificated the preferred route on November 24, 2008.

Project: Chamberlin-Shalersville 138 kV Transmission Line
 Company: American Transmission Systems, Inc.
 Case: 08-123-EL-BTX
 Location: Summit and Portage counties
 Status: Awaiting start of construction

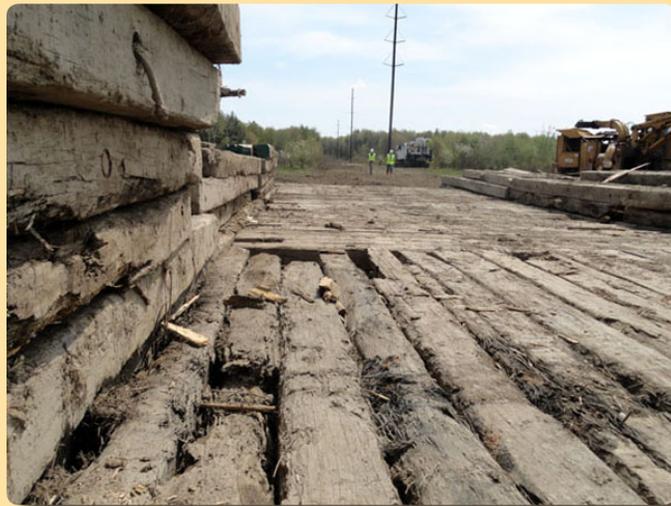


The project would add approximately 10 miles of new 138 kV electric transmission line between the Chamberlin Substation in Twinsburg and the Shalersville Substation in Streetsboro. Approximately 7.4 miles of the proposed line would be installed using the open arm of existing towers. This portion of the line would be designed and constructed for 345 kV use, but initially operated at 138 kV. The remaining sections would require new structures, which would be designed and constructed for 138 kV operation. The application was filed on April 6, 2009. The application was deemed complete on June 4, 2009. A local public hearing was held on October 27, 2009, and the adjudicatory hearing commenced on November 2, 2009. The application was certificated by the Board on March 22, 2010.

Project: Geauga County 138 kV Transmission Line
 Company: American Transmission Systems, Inc.
 Case: 07-171-EL-BTX
 Location: Geauga and Lake counties
 Status: Under construction



The applicant proposed to construct a double circuit 138 kV transmission line to supply a new 36 kV distribution substation located along Mayfield Road in Huntsburg Township, Geauga County. The new transmission line would reinforce the existing 36 kV distribution system, which is stretched to its limit due to higher than average load growth in the project area. The application was filed on September 28, 2007. The application was deemed to be complete on November 27, 2007. On May 7, 2008, the administrative law judge postponed the local public hearings to allow the applicants additional time to respond to Staff's interrogatories. The staff report was filed on August 12, 2008. Multiple local public hearings were held on in August and September 2008. The adjudicatory hearing commenced on September 16, 2008. The Board certificated the preferred route on November 24, 2008. On January 26, 2009, the Board denied an application for rehearing that was filed by intervenor Citizens Advocating Responsible Energy. The intervenor filed suit with the Ohio Supreme Court on March 13, 2009, to reverse the Board's denial of rehearing and issuance of certificate. The Ohio Supreme Court subsequently affirmed the Board's original decision. Construction commenced on August 4, 2011.



Wooden matting used to minimize the impact to vegetation and the environment. It disperses the weight of heavy equipment and preserves the seedbed to allow for quick and natural regrowth post construction.

Project: Amendment to the Geauga County 138 kV Transmission Line
 Company: American Transmission Systems, Inc.
 Case: 11-1220-EL-BTA
 Location: Geauga and Lake counties
 Status: Under construction



The applicant is proposing four minor adjustments to the original certificated route (case 07-171-EL-BTX). The applicant submitted the amendment at the request of directly impacted property owners. These route adjustments are expected to result in a reduction of potential ecological impacts. The applicant will continue to utilize wood structures in lieu of steel pole or tower structures in the amended sections. The Board certificated the amendment on July 25, 2011. Construction activities commenced on August 4, 2011.

Project: Roberts-OSU 138 kV Transmission Line
 Company: AEP Ohio Transmission Company, Inc.
 Case: 08-170-EL-BTX
 Location: Franklin County
 Status: Under construction



A public informational meeting regarding the proposed facility was held February 28, 2008. The applicant filed its application on December 30, 2008. The application was deemed complete on February 27, 2009. The project involves the construction of approximately six miles of single circuit 138 kV transmission line in Franklin County. About two miles of the transmission line are proposed to be overhead and four miles underground. The local public hearing was held on July 14, 2009, and the adjudicatory hearing concluded on July 17, 2009. This facility was approved by the Board on September 21, 2009. An application for rehearing was filed by an adjacent property owner on October 20, 2009. The Board denied the request for rehearing on March 22, 2010. The applicant initiated construction in December of 2010. On July 25, 2011, the certificate was transferred to AEP Ohio Transmission Company, Inc.

Project: Roberts-OSU 138 kV Transmission Line Amendment
 Company: AEP Ohio Transmission Company, Inc.
 Case: 10-1328-EL-BTA
 Location: Franklin County
 Status: Under construction



On September 7, 2010, the applicant filed an amendment in case 08-170-EL-BTX. The amendment proposes to reroute less than a mile of the previously approved transmission line through The Ohio State University west campus area.

The amendment also modified the type of underground cable and slightly shifted the underground placement of the cable from the center of roadways to the curb lane. The staff report was issued September 30, 2010. The board approved the amendment on November 18, 2010. Construction commenced in December 2010. On July 25, 2011, the certificate was transferred to AEP Ohio Transmission Company, Inc.

Project: Vassell Substation Project
Company: American Electric Power - Transco
Case: 11-1313-EL-BSB
Location: Delaware County
Status: Under investigation



This application is for a 765/345/138 kV substation project near Sunbury, Ohio. The applicant filed a pre-application letter for this case on April 27, 2011, and held a public informational meeting on May 12, 2011. Approximately 40 people attended the public informational meeting. The application was filed on July 29, 2011. A public hearing is scheduled for January 19, 2012. The adjudicatory hearing will commence January 24, 2012.

Project: Black River Substation
Company: American Transmission Systems, Inc.
Cases: 11-5855-EL-BSB & 11-5856-EL-BTX
Location: Lorain, Lorain County
Status: Under investigation



The applicant is proposing to construct a new 138 kV substation, including associated transmission upgrades, to support the expansion of Republic Steel's operations. Republic Steel plans to construct a new electric arc furnace. The expansion will require approximately 450 new jobs, while maintaining existing positions at the factory. The applicant has requested consolidation of the cases before the Board. Almost all of the required transmission line work would occur within existing easements. The preferred substation site is currently owned by the city of Lorain. The Board certified the preferred substation.

Wind facility applications

Project: Buckeye Wind Project
Company: Buckeye Wind, LLC
Case: 08-666-EL-BGN
Location: Champaign County
Status: Appeal pending before the Ohio Supreme Court



On April 24, 2009, the applicant submitted its application for a wind project in Champaign County. The proposed project would consist of 70 wind turbines and related infrastructure.

Total generating capacity is estimated at between 125 and 175 MW, depending on final turbine model selected. The applicant has projected construction activities to commence in mid-2010, with the facility placed in service approximately one year later. The staff report was docketed on October 13, 2009. On March 22, 2010, the Board issued a certificate approving portions of this facility. On July 15, 2010, the Board approved an entry on rehearing that granted in part and denied in part the applications for rehearing. This case has been appealed to the Ohio Supreme Court by several parties.

Project: Hog Creek Wind Farm I
Company: Hog Creek Wind Farm, LLC
Case: 09-277-EL-BGN
Location: Hardin County
Status: Awaiting start of construction



JW Great Lakes Wind, LLC, a subsidiary of juwi Wind GmbH, filed an application to construct the Hardin County North Wind Farm on August 14, 2009. The applicant intends to install approximately 50 MW of wind generation capacity across 3,400 acres in Hardin County, consisting of 19 to 27 wind turbines capable of producing from 1.8 to 2.5 MW each. JW Great Lakes Wind opened this case on June 15, 2009, and held a public informational meeting in Ada on June 30, 2009. The local public hearing was held on January 27, 2010, and the adjudicatory hearing was convened on February 1, 2010. A joint stipulation and recommendation between all parties to the proceeding was filed on February 9, 2010. The Board certificated this application on March 22, 2010. On July 15, 2010, the Board granted an application to transfer the certificate from JW Great Lakes Wind, LLC, to Hog Creek Wind Farm, LLC.

Project: Amendment to Hog Creek Wind Farm I
Company: Hog Creek Wind Farm, LLC
Case: 11-757-EL-BGA
Location: Hardin County
Status: Approved on July 25, 2011



The proposed amendment involves the use of new technologies, either Vestas V100 or GE 1.6 -100 turbine models. The ability to select from these turbine models will allow the applicant greater flexibility in project design, thereby enabling optimal energy production and overall project success. The original project (case 09-277-EL-BGN) received a certificate on March 22, 2010. The applicant has designed a new project layout consisting of 31 turbine locations which would achieve a total output of 49.6 MW.

Project: Second Amendment to Hog Creek Wind Farm I
 Company: Hog Creek Wind Farm, LLC
 Case: 11-5542-EL-BGA
 Location: Hardin County
 Status: Approval pending



The proposed amendment involves the use of new technologies, either Nordex N100 or Repower MM100 turbine models. The applicant plans to construct this project in 2012 and has determined that the previously certificated wind turbines would not be available for delivery in 2012. The original project (case 09-277-EL-BGN) received a certificate on March 22, 2010 and the first amendment (case 11-757-EL-BGA) was approved on July 25, 2011. The project layout will consist of 19 to 31 turbine locations, with an aggregate generating capacity of 46.8 to 52.5 MW, depending on the turbine model selected.

Project: Hardin Wind Farm
 Company: Hardin Wind Energy, LLC
 Case: 09-479-EL-BGN
 Location: Hardin County
 Status: Awaiting start of construction



Hardin Wind Energy, LLC, a wholly-owned subsidiary of Invenergy, plans to install up to 300 MW of wind generation capacity across 23,000 leased acres in Hardin County. The applicant may construct up to 200 turbines capable of producing up to 1.6 MW each. The Board issued a certificate for this project on March 22, 2010. The applicant plans to begin construction in 2011 on Phase 1 of the project. Hardin Wind amended this portion of the project in case 11-3446-EL-BGA.

Project: Amdendment to Hardin Wind Farm
 Company: Hardin Wind Energy, LLC
 Case: 11-3446-EL-BGA
 Location: Hardin County
 Status: Approved Aug. 29, 2011



Hardin Wind Energy, LLC, is seeking to amend Phase 1a of the Hardin Wind Farm (case 09-479-EL-BGN). Phase 1a includes 132 turbines in the northern and western portions of the project area. The applicant intends to use a similar turbine model as in the original application, but with an increased hub height and rotor diameter, improving the capacity factor of the project. The layout of the turbines and associated facilities has been altered to accommodate the new turbine design.

Project: Timber Road Wind Farm
 Company: Paulding Wind Farm, LLC
 Case: 09-980-EL-BGN
 Location: Paulding County
 Status: Awaiting start of construction



Paulding Wind Farm, LLC, a subsidiary of Horizon Wind

Energy, plans to install up to 48.6 MW of wind generation capacity across 5,700 acres in Paulding County. The applicant will use up to 35 turbines capable of producing up to 2.1 MW each. Horizon Wind held a public information meeting on November 10, 2009. The application for the Timber Road Wind Farm was filed on January 13, 2010. The staff report was filed on June 7, 2010 and the public hearing was held on June 22, 2010. The parties filed a joint stipulation before the adjudicatory hearing on June 30, 2010. The Board issued a certificate for this facility on August 23, 2010.

Project: Blue Creek Wind Farm
 Company: Blue Creek Wind Farm, LLC
 Case: 09-1066-EL-BGN
 Location: Paulding and Van Wert counties
 Status: Under construction



Heartland Wind, LLC, proposed to construct, own and operate up to 350 MW of wind-powered electric generation in Van Wert and Paulding counties. Heartland Wind, LLC, is managed by Iberdrola renewable, Inc. The facility would require up to 175 wind turbine generators that would be located within a 40,500-acre project area. Approximately 140 participating landowners would provide about 17,000 acres of leased land. The application was filed on December 21, 2009. The local public hearing was held on July 8, 2010, and the adjudicatory commenced on July 15, 2010. The Board certificated this project on August 23, 2010. The applicant began construction on September 21, 2010. The certificate was transferred to Blue Creek on November 18, 2010.

Project: Amendment to Blue Creek Wind Farm
 Company: Blue Creek Wind Farm, LLC
 Case: 11-1995-EL-BGA
 Location: Paulding and Van Wert counties
 Status: Awaiting start of construction



The proposed amendment involves the construction and operation of eight additional Gamesa G-90 model two MW wind turbines at the Blue Creek Wind Farm, currently under construction (case 09-1066-EL-BGN). This amendment increases the total number of wind turbines for the project to 167. The amended project would have an aggregate generating capacity of up to 334 MW with an annual production between 520,000 to 1,170,000 megawatt hours. The applicant's August 23, 2010 certificate indicates it plans to build up to 350 MW of installed generation. The Board certificated this amendment on July 25, 2011.

Project: Second Amendment to Blue Creek Wind Farm
 Company: Blue Creek Wind Farm, LLC
 Case: 11-3644-EL-BGA
 Location: Paulding and Van Wert counties
 Status: Pending before the Board



The applicant requested a modification of conditions 42 and 43, which were certificated in case 09-1066-EL-BGN. This amendment precisely defines the applicant's responsibility regarding project noise contributions beyond ambient conditions.

Project: Hog Creek Wind Farm II
 Company: Hog Creek Wind Farm, LLC
 Case: 10-654-EL-BGN
 Location: Hardin County
 Status: Approved Aug. 29, 2011



Hog Creek Wind Farm, LLC, whose sole member is juwi Wind, LLC, which is a subsidiary of juwi Holding US, LLC and juwi Holding AG, an international renewable energy developer, proposes to construct a wind-powered electric generating facility of approximately 18.4 MW between the village of Dunkirk and village of Dola, in Washington Township, Hardin County ("Hog Creek Wind Farm II"). This project is an expansion of Hog Creek Wind Farm I (case 09-277-EL-BGN), which received a certificate from the Board on March 22, 2010.

Hog Creek Wind Farm II will consist of eight wind turbines with the point of interconnection to the electric utility grid located along the 69 kV Ada-Dunkirk transmission line via the Hog Creek Wind Farm I and American Electric Power's substations on Township Road 30 in Washington Township. The project area covers approximately 1,775 acres of agricultural land. The applicant plans to be in service by the end of 2012.

Project: Amendment to Hog Creek Wind Farm II
 Company: Hog Creek Wind Farm, LLC
 Case: 11-5543-EL-BGA
 Location: Hardin County
 Status: Pending before the Board



The proposed amendment involves the use of new technologies, either Nordex N100 or Repower MM100 turbine models. The applicant plans to construct this project in 2012 and has determined that the previously certificated wind turbines would not be available for delivery in 2012. The original project (case 10-0654-EL-BGN) received a certificate on August 28, 2011. The new layout will consist of five to 10 turbine sites associated with the original case and will depend on the turbine model ultimately chosen.

Project: Timber Road II Wind Farm
 Company: Paulding Wind Farm II, LLC
 Case: 10-369-EL-BGN
 Location: Paulding County
 Status: Operational



Paulding Wind Farm II, LLC a subsidiary of Horizon Wind Energy, installed up to 150.4 MW of wind generation capacity across 15,000 acres in Paulding County. The applicant will use up to 98 turbines capable of producing up to 1.8 MW each. The Timber Road II Wind Farm was certificated on November 18, 2010 and construction commenced on November 20, 2010. Paulding Wind Farm II filed to amend the certificate on December, 29 2010 (case 10-3128-EL-BGA). In the amendment the applicant requested the option to use a turbine model that was in the original application (case 10-0369-EL-BGN) at a higher hub height. In addition to the taller turbine, the applicant also requested approval to bifurcate the certificate, in turn creating two projects (Timber Road II at 99 MW and Timber Road III at 51.4 MW). Both of these projects would have the same case number and be held to the same set of conditions outlined in the original opinion and order. This amendment was approved by the Board on February 28, 2011. The projects became fully operational by July 15, 2011.



Crews install underground electric collector lines at the Timber Road II Wind Farm. The Board ensures that agricultural viability of agricultural land is preserved.

Project: Black Fork Wind Farm
 Company: Black Fork Wind Energy, LLC
 Case: 10-2865-EL-BGN
 Location: Crawford and Richland counties
 Status: Approved Jan. 23, 2012



Black Fork Wind Energy, LLC, a wholly-owned subsidiary of Element Power US, LLC, filed an application for a Certificate of Environmental Compatibility and Public Need with the Ohio Power Siting Board on March 10, 2011. The application is for a wind powered electric generating facility

proposed to be located in Crawford and Richland counties. The facility as proposed would consist of up to 91 wind turbines and have a maximum nameplate capacity of up to 200 megawatts. The staff report was issued on August 31, 2011. A local public hearing was held on September 15, 2011 and the adjudicatory hearing concluded on October 13, 2011.

Project: Leipsic Wind Farm
Company: Leipsic Wind, LLC
Case: 11-3676-EL-BGN
Location: Putnam County
Status: Completeness review pending



The applicant proposes to construct a wind powered generation facility with a capacity of 150 MW, utilizing up to 75 turbines. The project would be located in the municipalities of Leipsic and Belmore, and also in Van Buren and Blanchard townships. The project area comprises approximately 26,000 acres of mostly agricultural land. The applicant has secured over 11,000 acres of leased land from more than 300 participating property owners. Electric power would be gathered using both aboveground and underground 34.5 kV lines. A single collector substation would be connected to the American Electric Power transmission system via a 138 kV transmission line. The estimated cost of the facility is approximately \$330 million and the proposed in-service date is December 31, 2012. The application was filed on July 29, 2011. At the applicant's request, the completeness review has been suspended.

Natural gas transmission applications

Project: Kinder Morgan Marcellus Lateral LNG Pipeline
Company: Kinder Morgan Cochin, LLC
Case: 10-1408-GA-BTX
Location: Monroe, Noble, Guernsey, Muskingum, Coshocton, Knox, Morrow, Marion, Crawford, Wyandot, Seneca, Sandusky, Wood, Lucas, Fulton counties
Status: Incomplete Application



Kinder Morgan Cochin, LLC, proposes to install a 16-inch pipeline from Monroe County in southeast Ohio to an existing line in Fulton County. This 250-mile line will carry natural gas liquids that originate from the Marcellus Shale gas formation. The applicant filed a pre-application letter in the case on September 22, 2010, and held nine public information meetings along the pipeline route from October 5, 2010, through October 21, 2010. Approximately 1,000 people attended these meetings. On January 21, 2011, the application was deemed incomplete. The applicant is in the process of finalizing studies and gathering data to complete their application.

Project: Ackerman Road Pipeline Project
Company: Columbia Gas of Ohio
Case: 11-3534-GA-BTX
Location: Franklin County
Status: Under construction



The applicant proposes to install approximately 1.5 miles of 20-inch high pressure natural gas pipeline in north central Columbus. The southern terminus connects with an existing pipeline supply point on the south side of Ackerman Road between Fred Taylor Drive and Defiance Drive. The northern terminus would tie-in to an existing pipeline on Tulane Road just west of High Street. The application was deemed complete on October 26, 2011. A local public hearing was held on January 10, 2012, and an adjudicatory hearing was held on January 12, 2012.

Letters of notification

Project: Star-Urban 138 kV Transmission Line Tap to Involta, LLC
Company: American Transmission Systems, Inc.
Case: 11-2892-EL-BLN
Location: Summit County
Status: Construction commenced July 18, 2011



This project involves the installation of approximately 7,325 feet of 138 kV transmission line in the city of Akron. The line is needed to supply a new industrial customer. The line would be supported on 38 wood pole structures. The proposed alignment is immediately adjacent to an existing railroad line corridor r-o-w, near an industrial area.

Project: Lemoyne-Maclean #2 138 kV Transmission Line reconductoring
Company: American Transmission Systems, Inc.
Case: 11-3246-EL-BLN
Location: Wood County
Status: Construction commenced Sept. 1, 2011



This project involves the replacement of approximately 7.2 miles of existing 138 kV conductors. The reconductoring is needed to reduce potential circuit overloads and to improve overall system reliability. Two new intermediate structures would be installed to maintain proper ground clearances. No new r-o-w would be required for this project, as all work would be confined to the existing easements.

Project: Bayshore-GM Powertrain 138 kV Reconductoring
Company: American Transmission Systems, Inc.
Case: 11-3247-EL-BLN
Location: Lucas County
Status: Construction commenced Dec. 1, 2011



This reconductoring project would replace approximately 11 miles of existing 138 kV conductors with upgraded conductors. The project is needed to reduce potential circuit overloads and to improve overall system reliability. As dictated by the National Electric Safety Code, eight new intermediate structures would be installed to maintain proper ground clearances. All work would be confined to the existing easements; thus, no new r-o-w would be required.

Project: Ney Interconnecting Pipeline Expansion Project
Company: Ohio Gas Company
Case: 11-3953-GA-BLN
Location: Defiance and Williams counties
Status: Approved July 23, 2011



This project involves the installation of approximately 4.5 miles of 12-inch steel pipe. This pipeline would provide a connection between an existing Ohio Gas line and the interstate transmission system, along with two Ohio Gas distribution mains. Ohio Gas has experienced growth throughout their system in recent years. As part of their plant system design, they seek to maintain multiple supply sources into the system to ensure they could meet peak demand and have flexibility to support growth along other portions of the system.

Project: Yellow Creek 138 kV Transmission Line Extension
Company: American Electric Power
Case: 11-4805-EL-BLN
Location: Putnam County
Status: Construction commenced Oct. 6, 2011



This project would provide 138 kV service to the PRO-TEC Coating Company located near Leipsic. The project would consist of installing 10 pole structures on PRO-TEC property and building a 0.42 mile extension of 138 kV transmission line. The new line would feed a distribution substation being constructed to serve expansion of the PRO-TEC industrial facility. This project is located within AEP easements on property owned by PRO-TEC.

Project: Lima - Sterling 138 kV Transmission Line
Company: American Electric Power
Case: 11-4934-EL-BLN
Location: Allen County
Status: Approved Nov. 5, 2011



On September 2, 2011, an application was filed to replace nearly six miles of existing 138 kV line and structures with new structures capable of holding a double circuit 138 kV line. The new line would remain a 138 kV single circuit and would be located in existing easements. Any future second circuit will need to come before the Board. Based on the age, condition and conductor size, the applicant is replacing the existing 138 kV conductor with a more substantial 138 kV conductor. Due to the heavier nature of the new line, wood structures will need to be replaced with steel monopole structures at existing structure locations. ODOT is widening a portion of I-75 through Lima that is parallel to this line. As such, the applicant is planning on relocating a portion of this existing line within their existing right-of-way to avoid conflicts with ODOT's I-75 road work.

Project: Ashland to Whittier 138 kV Transmission Line
Company: Duke Energy Ohio
Case: 11-5471-EL-BLN
Location: Hamilton County
Status: Approved Nov. 15, 2011



The applicant submitted this filing on Oct. 17, 2011. This project involves upgrading and converting approximately 0.95 miles of distribution line to 138 kV transmission line. The project will require 16 new wood poles and four steel structures. The project would provide service to a planned distribution substation. A majority of the project is sited within existing utility easements, therefore only a small portion requires new easements.

Project: Lime City substation capacitor bank addition
Company: American Transmissions Systems, Inc.
Case: 11-5836-EL-BLN
Location: Wood County
Status: Under Construction



The Board received this application on Nov. 30, 2011. This project would connect a new capacitor bank addition with the existing Lime City Substation. Four pole structures would be located on the applicant's property. No significant vegetative clearing is required.

Project: Tap to Millennium Inorganic Chemicals
 Company: American Transmissions Systems, Inc.
 Case: 11-5844-EL-BLN
 Location: Ashtabula County
 Status: Under investigation



Project: Galion-Longview 138 kV Line, new structure installation
 Company: American Transmissions Systems, Inc.
 Case: 11-6063-EL-BLN
 Location: Richland County
 Status: Under investigation

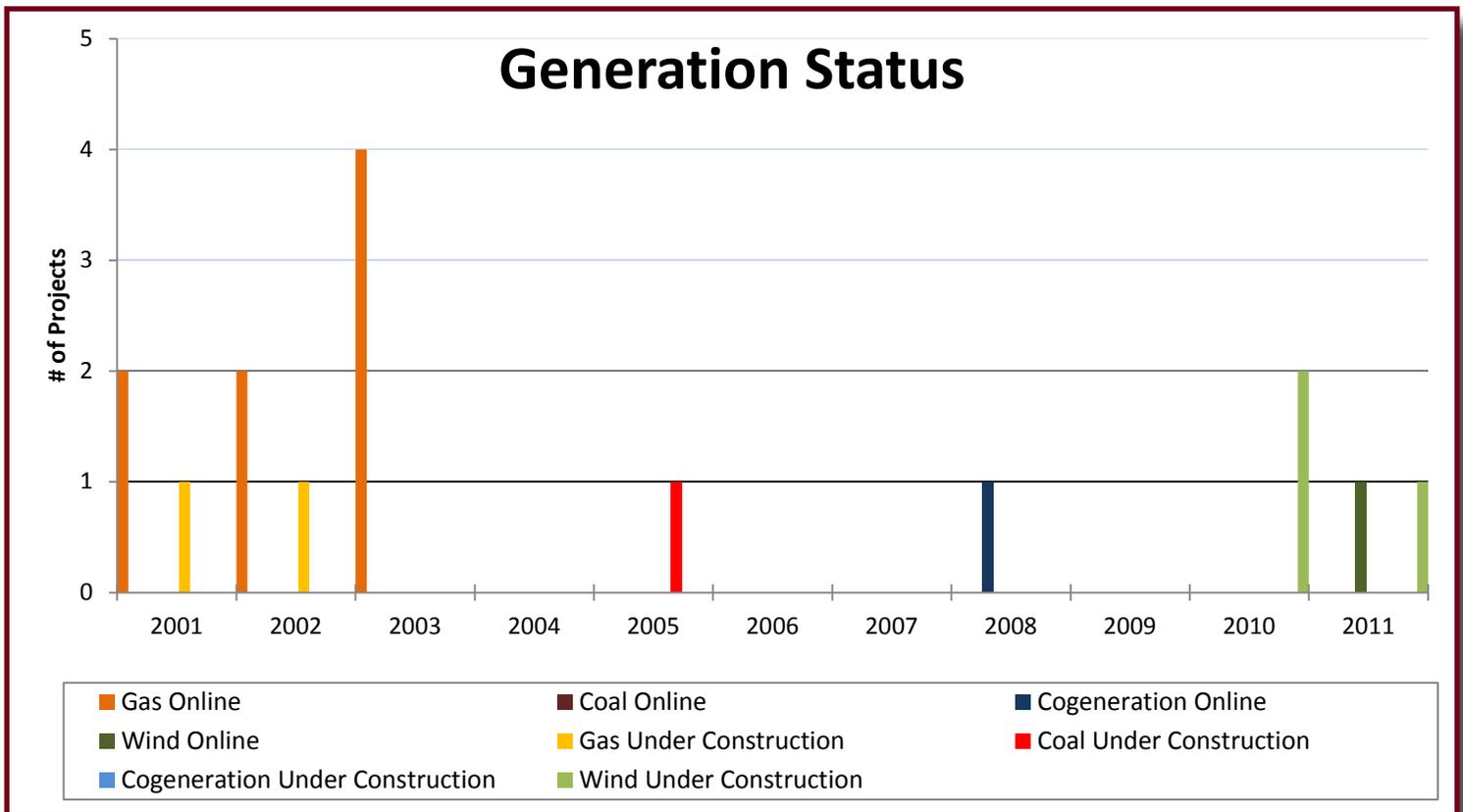
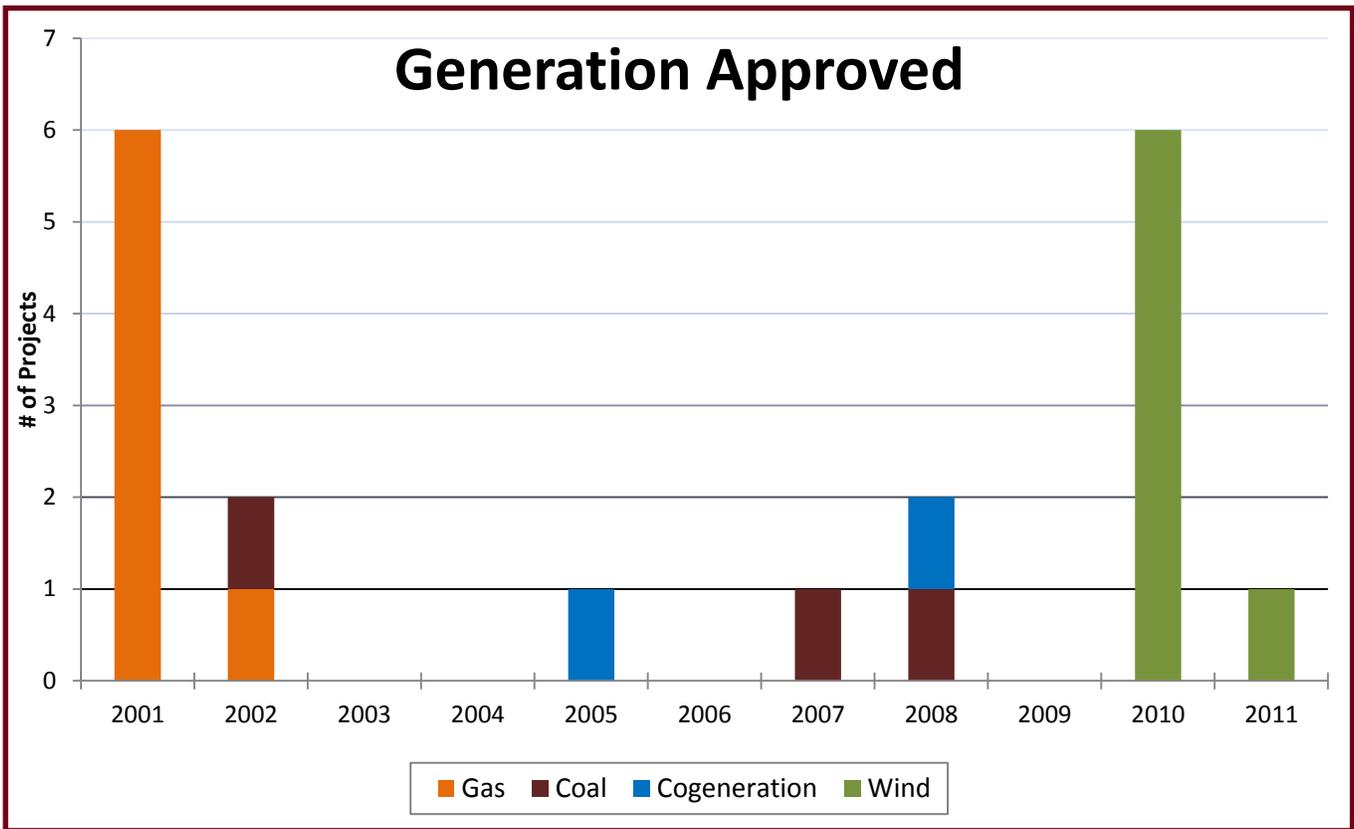


An application was filed on Dec. 1, 2011. This project involves the installation of 56 feet of 138 kV transmission line to supply a new substation. Four new pole structures would also be installed to accommodate switches and to maintain circuit to circuit clearances. The proposed tap is encompassed by industrial land use.

This application was filed on Dec. 28, 2011. The project involves the installation of a single pole switch structure in an existing 138 kV transmission line. The project would enable the applicant to prevent circuit breaker failure that could disrupt the current transmission network. The new pole structure would be installed directly adjacent to an existing substation.



Crews install a natural gas pipeline beneath the Olentangy River in Columbus



2011 expenses

Generating facility applications

99-1626-EL-BGN	Norton Energy Storage—CAES	\$2,209.41
00-0686-EL-BGN	AEP—Dresden	3,639.79
00-1527-EL-BGN	AMP-O—Fremont	288.33
01-0369-EL-BGN	Lawrence County—Ironton	143.44
08-0281-EL-BGN	SunCoke Energy—Middletown	165.12
08-0414-EL-BGN	Ohio River Clean Fuels—Cogen	65.73
08-0665-EL-BGN	Buckeye Wind—Union	65.73
08-0666-EL-BGN	Buckeye Wind—Union	525.08
09-0277-EL-BGN	JW Great Lakes—Hardin North	1,697.01
09-0479-EL-BGN	Hardin Wind Energy—Hardin	2,797.11
09-0980-EL-BGN	Paulding Wind —Timber Road	445.81
09-1066-EL-BGN	Blue Creek—Blue Creek Wind Farm	26,515.20
10-0369-EL-BGN	Paulding Wind—Timber Road II	21,328.32
10-0654-EL-BGN	JW Great Lakes—Hog Creek	30,948.23
10-0847-EL-BGN	Air Products and Chemicals—Middletown	16,810.24
10-2865-EL-BGN	Element Power—Black Fork	76,535.45
10-3128-EL-BGA	Timber Road—Timber Road II	3,414.96
11-0757-EL-BGA	Hog Creek—Hog Creek I	15,969.51
11-0902-EL-BGN	Glacier Ridge—Glacier Ridge	2,243.36
11-1995-EL-BGA	Blue Creek—Blue Creek	10,718.87
11-2400-EL-BGN	Ashtabula Wind—Ashtabula County	1,171.49
11-3446-EL-BGA	Hardin Wind—Hardin County	7,273.49
11-3644-EL-BGA	Blue Creek—Blue Creek	7,135.06
11-3676-EL-BGN	Leipsic Wind—Leipsic	8,623.31
11-4886-EL-BGN	Nextera Energy—Honey Creek	527.33
11-5542-EL-BGA	Hog Creek—Hog Creek I	2,949.01
11-5543-EL-BGA	Hog Creek—Hog Creek II	3,332.52

Electric transmission applications

07-0171-EL-BTX	ATSI—Geauga County 138 kV	\$12,690.18
07-0715-EL-BTX	AEP—Don Marquis	114.77
08-0170-EL-BTX	AEP—Roberts-OSU	6,648.62
09-0750-EL-BSB	BP-Husky—Toledo Refinery	1,273.19
10-1328-EL-BTA	CSP—Roberts-OSU	2,066.17
10-2439-EL-BSB	City of Hamilton—Meldahl	13,757.60
10-2440-EL-BTX	City of Hamilton—Meldahl	27,388.32
11-1220-EL-BTA	ATSI—Geauga County 138 kV	9,096.00
11-1313-EL-BSB	AEP—Vassell	19,198.82
11-1314-EL-BTX	AEP—Trent-Vassell	914.16
11-4152-EL-BSB	ATSI—Fulton Substation	326.02
11-4248-EL-BTX	ATSI—Beaver-Davis Besse #2	555.39
11-4251-EL-BTX	ATSI—Fulton Substation	1,485.57
11-4505-EL-BTX	AEP—Elk	1,070.32
11-4884-EL-BTX	ATSI—East Springfield-Tangy	1,609.56
11-4885-EL-BSB	ATSI—London Substation	217.08

Natural gas transmission applications

06-0444-GA-BTX	Duke Energy—Bethel	\$492.48
08-1134-GA-BTX	Columbia—Ackerman Road	314.21
10-1408-GA-BTX	Kinder Morgan—Cochin	6,647.10
11-3534-GA-BTX	Columbia—Ackerman Road	14,565.65

Letters of notification

10-1149-EL-BLN	ATSI—Bayshore-Maclean-Lemoyne	\$200.37
10-2661-GA-BLN	Dominion—Mohican	595.29
10-2885-EL-BGN	ATSI—Bayshore-Ironville	667.91
11-2892-EL-BLN	ATSI—Involta	1,658.39
11-3246-EL-BLN	ATSI—Lemoyne-Maclean	730.81
11-3247-EL-BLN	ATSI—Bayshore-GM Powertrain	2,630.92
11-3953-GA-BLN	Ohio Gas—Ney Expansion	2,145.36

11-4805-EL-BLN	AEP—Yellow Creek	690.76
11-4934-EL-BLN	AEP—Lima-Sterling 138 kV	1,174.29
11-5471-EL-BLN	Duke—Ashland to Whittier	1,148.06

Construction notices

08-1028-EL-BNR	ATSI	\$114.77
10-2932-GA-BNR	Columbia	2,407.12
10-3100-EL-BNR	Duke	667.91
11-0488-EL-BNR	Ohio Power	798.90
11-0888-EL-BNR	AEP	872.23
11-1117-EL-BNR	Duke	861.84
11-1155-GA-BNR	Dominion	815.97
11-1157-GA-BNR	Dominion	815.97
11-1395-GA-BNR	Columbia	901.28
11-1426-GA-BNR	Columbia	1,157.06
11-2699-GA-BNR	Columbia	1,764.80
11-3153-GA-BNR	Dominion	1,231.29
11-4249-GA-BNR	Columbia	747.06
11-4376-EL-BNR	Columbia	742.86
11-4387-EL-BNR	ATSI	1,354.30
11-4388-EL-BNR	Ohio Power	1,302.33
11-4655-EL-BNR	AEP	143.44
11-4796-GA-BNR	Dominion	945.46
11-4882-GA-BNR	Columbia	373.53
11-4896-EL-BNR	AEP	1,571.61
11-5513-EL-BNR	AEP	690.76
11-5562-EL-BNR	AEP	1,681.17
11-5582-EL-BNR	AEP	2,343.25
11-5871-EL-BNR	ATSI	57.37

Total expenses

\$403,974.56

2011 receipts

Generating facility applications

06-1358-EL-BGN	AMP-O—Meigs County	\$9,006.52
09-0980-EL-BGN	Paulding Wind —Timber Road	35,531.39
10-0654-EL-BGN	JW Great Lakes—Hog Creek	9,200.00
10-0847-EL-BGN	Air Products and Chemicals—Middletown	85,000.00
10-2865-EL-BGN	Element Power—Black Fork	100,000.00

Electric transmission applications

06-1357-EL-BTX	AMP-O—Meigs County	\$4,043.95
07-0715-EL-BTX	AEP—Don Marquis	3,022.06
08-0123-EL-BTX	ATSI—Chamberlin-Shallersville	9,612.88
10-1328-EL-BTA	CSP—Roberts-OSU	6,149.69
10-2439-EL-BSB	City of Hamilton—Meldahl	50,000.00
10-2440-EL-BTX	City of Hamilton—Meldahl	50,000.00
11-1313-EL-BSB	AEP—Vassell Substation	50,000.00
11-5855-EL-BSB	ATSI—Black River Substation	50,000.00
11-5856-EL-BTX	ATSI—Black River Substation	30,000.00

Natural gas transmission applications

06-0444-GA-BTX	Duke Energy—Bethel	\$1,947.27
11-3534-GA-BTX	Columbia—Ackerman Road	50,000.00

Letters of notification

08-0180-EL-BLN	ATSI—Flower Hospital	\$173.75
08-1311-EL-BLN	CSP—Vine City East	6.83
09-0552-EL-BLN	City of Hamilton—138 kV	3,953.94
09-0860-EL-BLN	ATSI—BP Oil	95.79
09-1829-EL-BLN	ATSI—Hunt 138 kV	833.99
09-1938-EL-BLN	CSP—Vine City Relocation	1,518.69
09-2013-EL-BLN	Ohio Edison—Root Candles	1,518.69
10-0265-EL-BLN	Duke Energy—Line 5781	953.96

10-0420-EL-BLN	City of Hamilton—Substation II	2,895.89
10-0597-EL-BLN	ATSI—Marvin Group	747.48
10-0793-EL-BLN	ATSI—Bookside-Cloverdale	749.77
10-0828-EL-BLN	City of Hamilton—138 kV	2,801.14
10-0904-EL-BLN	ATSI—East Fayette Substation	749.77
10-1017-EL-BLN	ATSI—Henrietta Substation	2,066.75
10-1149-EL-BLN	ATSI—Bayshore-Maclean-Lemoyne	2,643.02
10-1417-GA-BLN	Ohio Gas—Campbell Soup	3,676.38
11-3953-GA-BLN	Ohio Gas—Ney expansion	2,000.00
11-4805-EL-BLN	AEP—Yellow Creek Extension	2,000.00
11-5471-EL-BLN	Duke—Ashland to Whittier	2,000.00

Construction notices

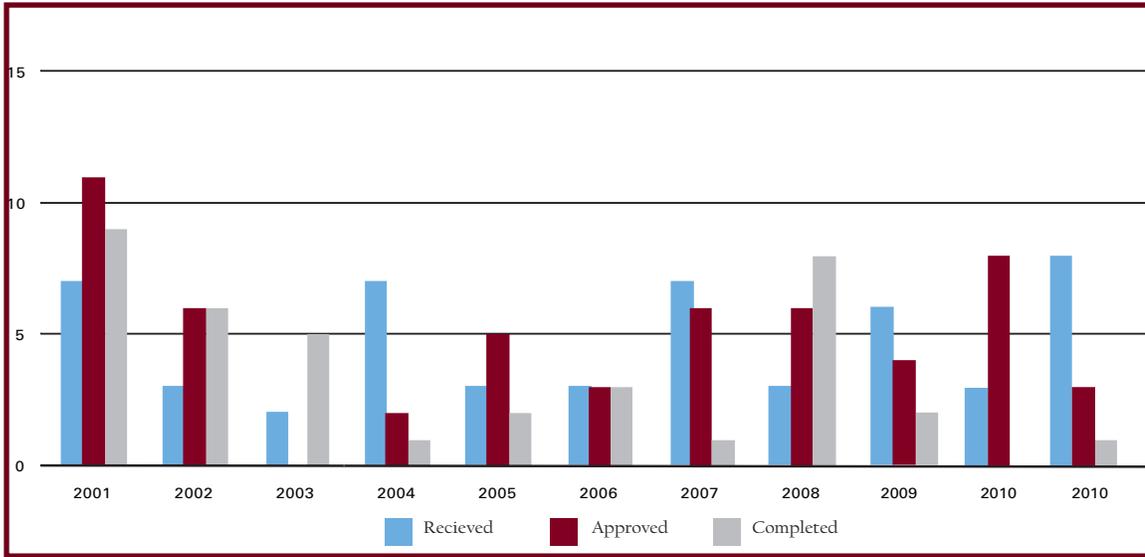
09-0225-GA-BNR	Columbia	\$166.98
09-0261-GA-BNR	Columbia	123.64
09-0325-GA-BNR	Columbia	166.98
09-0345-GA-BNR	Columbia	333.95
09-0779-EL-BNR	DP&L	494.54
09-0790-GA-BNR	AK Steel	689.52
09-1914-EL-BNR	ATSI	597.52
10-0125-EL-BNR	ATSI	746.90
10-0423-EL-BNR	ATSI	746.90
10-0542-GA-BNR	Columbia	929.05
10-0602-GA-BNR	Columbia	1,487.26
10-0634-GA-BNR	Columbia	2,378.68
10-0789-EL-BNR	Duke Energy	747.48
10-0991-GA-BNR	Columbia	2,145.76
10-1320-EL-BNR	ATSI	599.82
10-1452-EL-BNR	ATSI	1,874.43
11-0488-EL-BNR	Ohio Power	2,000.00
11-0888-EL-BNR	AEP	2,000.00

II-1155-GA-BNR	Dominion	2,000.00
II-1157-GA-BNR	Dominion	2,000.00
II-4796-GA-BNR	Dominion	2,000.00

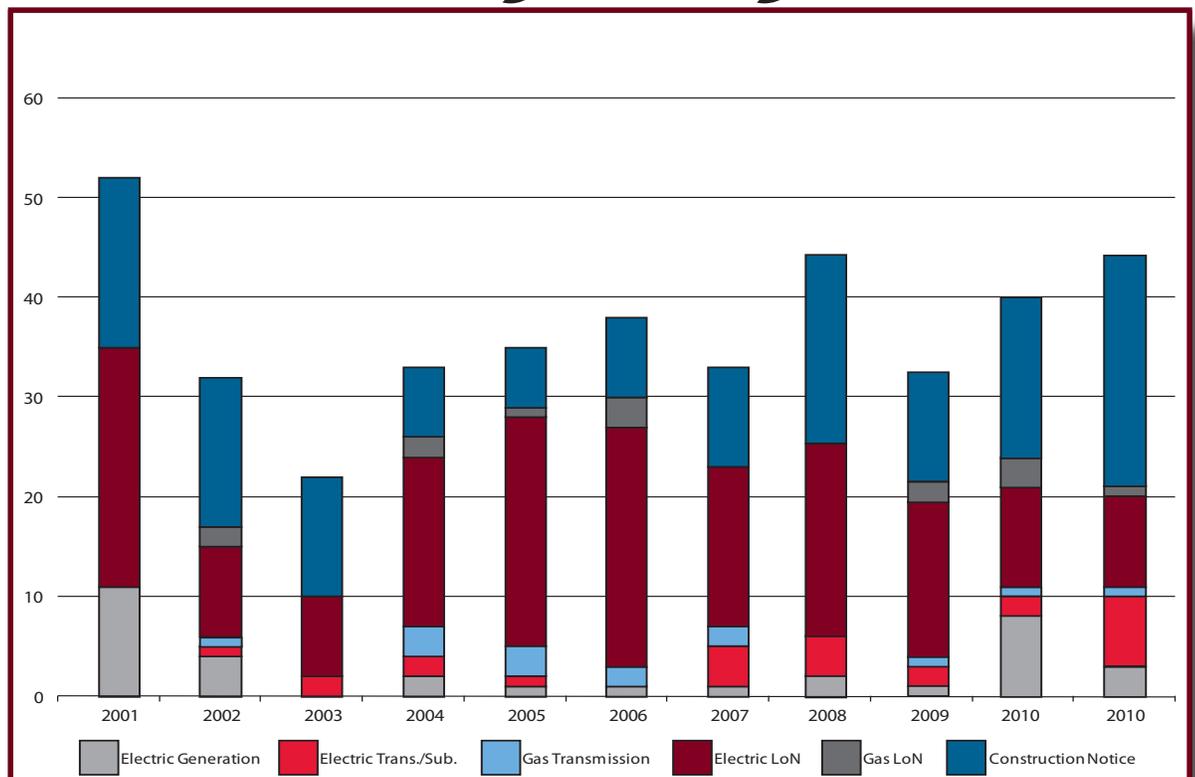
Total receipts

\$599,129.01

Major project status



Projects processed



More information



Follow us on Facebook at www.facebook.com/ohioPSB for the latest OPSB news and updates!

More about the Ohio Power Siting Board is available online at www.OPSB.ohio.gov. The site includes detailed descriptions of pending, approved and operational projects, as well as links to useful publications and an interactive Ohio wind resources map. Visitors can read the latest Board news and sign up to receive meeting agendas and press releases by email.

The screenshot shows the Ohio Power Siting Board website. At the top, there is a navigation bar with links for "About", "Board Members", and "Contact Us". The main header features the "Ohio.gov" logo and "Power Siting Board" text, along with a search bar. Below the header is a secondary navigation bar with links for "Rules", "Process Flowchart", "Siting Cases", "Meeting Agendas", "Links", and "Calendar". The main content area is titled "Welcome to the Ohio Power Siting Board" and includes a "Like" button with a count of 3. The left column contains a welcome message, a mission statement, and definitions for "major utility facility" and "economically significant wind farm". The right column features four promotional tiles: "Renewable Energy" (with subtext "Wind...Solar...Biomass..."), "OPSB ANNUAL REPORTS", "Interactive Wind Resources Map", and "Wind Stats & Site Locations". At the bottom right, there are sections for "Contact Us" and "Complaints".

[About](#) | [Board Members](#) | [Contact Us](#)

Ohio.gov | **Power Siting Board**

[Rules](#) | [Process Flowchart](#) | [Siting Cases](#) | [Meeting Agendas](#) | [Links](#) | [Calendar](#)

Welcome to the Ohio Power Siting Board

Like 3

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

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 Ohio Power Siting Board.

A "major utility facility" is defined as:

- An electric generating plant of 50 megawatts or more;
- An electric transmission line of 125 kilovolts or more; or
- A gas or natural gas transmission which is more than nine inches in outside diameter and is designed for, or capable, of transporting gas at pressures in excess of 125 pounds per square inch.

An "economically significant wind farm" is defined as:

- Any wind farm of 5 megawatts or more but less than 50 megawatts.

Quick Links:

- [Electronic Filing](#)
- [Siting New Energy Infrastructure in Ohio: A Guidance Document](#)
- ["About the OPSB" Brochure - \(Click here for tri-fold "About the OPSB" Brochure\)](#)
- [Power Siting Process Flowchart](#)
- [Map Links](#) / [Staff Experience & Field Pictures](#)



[Contact Us](#)



The Ohio Power Siting Board

The Public Utilities Commission of Ohio
180 East Broad Street
Columbus, OH 43215

www.OPSB.ohio.gov



John R. Kasich, Governor
Todd A. Snitchler, Chairman

The Ohio Power Siting Board is an Equal Opportunity Employer and Service Provider