

COMMONWEALTH OF KENTUCKY
BEFORE THE KENTUCKY STATE BOARD ON ELECTRIC GENERATION
AND TRANSMISSION SITING

In the Matter of:

ELECTRONIC APPLICATION OF DUKE ENERGY)	
OHIO, INC. FOR A CERTIFICATE OF)	
CONSTRUCTION FOR TWO NEW 138 KILOVOLT)	CASE NO.
NONREGULATED ELECTRIC TRANSMISSION)	2025-00228
LINES APPROXIMATELY 1.2 AND 1.3 MILES IN)	
LENGTH IN BOONE COUNTY, KENTUCKY)	

SITING BOARD STAFF'S FIRST REQUEST FOR INFORMATION
TO DUKE ENERGY OHIO

Duke Energy Ohio, LLC (Duke Energy Ohio), pursuant to 807 KAR 5:001, shall file with the Commission an electronic version of the following information. The information requested is due on October 31, 2025. The Siting Board directs Duke Energy Ohio to the Kentucky Public Service Commission's July 22, 2021 Order in Case No. 2020-00085¹ regarding filings with the Commission. Electronic documents shall be in portable document format (PDF), shall be searchable, and shall be appropriately bookmarked.

Each response shall include the question to which the response is made and shall include the name of the witness responsible for responding to the questions related to the information provided. Each response shall be answered under oath or, for representatives of a public or private corporation or a partnership or association or a governmental agency, be accompanied by a signed certification of the preparer or the

¹ Case No. 2020-00085, *Electronic Emergency Docket Related to the Novel Coronavirus COVID-19* (Ky. PSC July 22, 2021), Order (in which the Commission ordered that for case filings made on and after March 16, 2020, filers are NOT required to file the original physical copies of the filings required by 807 KAR 5:001, Section 8).

person supervising the preparation of the response on behalf of the entity that the response is true and accurate to the best of that person's knowledge, information, and belief formed after a reasonable inquiry.

Duke Energy Ohio shall make timely amendment to any prior response if Duke Energy Ohio obtains information that indicates the response was incorrect or incomplete when made or, though correct or complete when made, is now incorrect or incomplete in any material respect.

For any request to which Duke Energy Ohio fails or refuses to furnish all or part of the requested information, Duke Energy Ohio shall provide a written explanation of the specific grounds for its failure to completely and precisely respond.

Careful attention shall be given to copied or scanned material to ensure that it is legible. When the requested information has been previously provided in this proceeding in the requested format, reference may be made to the specific location of that information in responding to this request. When applicable, the requested information shall be separately provided for total company operations and jurisdictional operations. When filing a paper containing personal information, Duke Energy Ohio shall, in accordance with 807 KAR 5:001, Section 4(10), encrypt or redact the paper so that personal information cannot be read.

1. For each transmission line route, provide any leases that have been executed for the route or right of way (ROW) for the transmission line.
2. For each transmission line route, provide the number of property owners that the right of way and transmission line route will cross.

3. For each transmission line route, explain how the transmission route was determined.

4. Provide, in detail, all the alternative routes for each transmission line route. In the description, explain why each alternative route was not feasible.

5. Provide a detailed map, including parcel numbers, of the proposed transmission line routes and substations, including 500 feet from the centerline for each line for each side.

6. Explain how each of the proposed transmission lines would not have a significant adverse impact on the scenic assets of Boone County, Kentucky.

7. Explain whether, and how, vegetative clearing was considered in planning the transmission line routes.

8. Provide a map for each of the proposed lines and ROWs depicting all planned areas of vegetative clearing required for the construction of the proposed transmission line.

9. Provide the total acreage, by line, of vegetative clearing that will be required for the construction of each of the proposed transmission lines.

10. Confirm that all agreements with parcel owners along the proposed transmission line route(s) have been secured. If not confirmed, provide a timeline for the remaining agreements to be obtained.

11. Provide copies of all agreements with parcel owners along the proposed transmission line route, if not provided in response to Item 1.

12. Provide a list of permits that will be required from any other local, state, or federal agencies for each of the proposed transmission lines. Include in the response the status of those permits as well as which line the permit must be obtained for.

13. Provide copies of any documents submitted to any local, state, or federal agencies not included in the application as they relate to either of the proposed transmission lines.

14. Provide information on the anticipated lifespan of the proposed transmission lines, including the decommissioning plans.

15. Explain whether any portion of the proposed transmission line will be underground. If underground, provide a map depicting which portions of the line will be above ground and which portions will be underground.

16. Detail any communication with residences or businesses closest to the proposed transmission lines.

17. Detail any communication that has occurred with Duke Energy Ohio and Duke Energy Kentucky, Inc. (Duke Energy Kentucky) regarding the proposed transmission lines.

18. Explain in detail why Duke Energy Ohio cannot co-locate the proposed transmission lines with Duke Kentucky transmission lines.

19. For each proposed transmission line, provide maps depicting the alternative transmission line routes as well as the ROW. On these maps, identify each residence in the ROW or route and each participating property owner.

20. For each proposed transmission line, provide a detailed table listing all residential structures located within 1,000 feet of the proposed transmission line. For each structure, provide:

- a. The distance to proposed transmission line.
- b. The distance to the centerline of the ROW.
- c. The distance to the closest ROW line.
- d. Whether the parcel owner has signed an easement or lease agreement for the proposed transmission line.

21. Explain what compliance codes and standards the proposed transmission lines must meet.

22. Confirm whether the project will comply with all National Electrical Safety Code (NESC) regulations. If not confirmed, explain why not.

23. Provide a map for each proposed transmission line, identifying the following information:

- a. Where the proposed transmission line crosses any local, state, or interstate highways.
- b. Where the proposed transmission line crosses any railroads.
- c. Any airports within one mile of the proposed transmission line.
- d. The location of any bodies of water, such as rivers, lakes, and ponds, near the proposed transmission line.

24. Detail what material will be used for proposed transmission line poles, i.e., wood, steel, etc.

25. Explain whether a helicopter will be utilized in installing any proposed transmission line structures.

26. Refer to the Application, pages 3-4. For each alternative, provide the length of the alternative transmission line project as described including the number of property owners that would have been affected by the alternative, if not already provided.

27. Refer to the Application, page 4. For each proposed transmission line, confirm that the ROW will vary between 75 feet and 50 feet. If not confirmed, explain the response.

28. For each of the proposed transmission lines, provide a map specifically identifying the portions of the proposed transmission line with the 50-foot ROW on each side of the centerline. Identify the property owners of the affected parcels.

29. For each proposed transmission line, provide the distance from the centerline to the closest structure, if not a residence. Provide a map(s) that identifies the location of the structure.

30. Explain how the Federal Emergency Management Agency (FEMA) floodplain will affect the structure of the proposed transmission line(s) and route of the proposed transmission line(s).

31. Explain whether the applicant has a plan for variance in the proposed transmission line route(s).

32. Provide any site studies performed for the proposed transmission line routes.

33. Explain whether an alternative route could be utilized so that Applied Industrial Technologies, Inc will not be impacted by the construction of the transmission line.

34. Provide any communication that has occurred between Duke Energy Ohio and Applied Industrial Technologies, Inc.

35. Describe what communication there has been with parcel owners whose property is intersected by the proposed transmission lines.

36. Provide any communication with any churches or other religious facilities regarding the project. Describe any concerns that were raised.

37. Explain whether construction of the transmission lines will impact businesses that are adjacent to where construction of the transmission lines will occur. If so, provide the communications that have occurred with those businesses.

38. Provide any communication that has occurred with any schools/universities/colleges regarding the project. Describe any concerns that were raised.

39. For each proposed transmission line, provide a schedule for the project, starting from the receipt of the proposed certificate of construction to the completion of the project, including the length of each construction phase. Include when the peak construction would occur within the timeline.

40. Explain whether any traffic stoppages will be necessary to accommodate large truck deliveries for the project transmission lines. If yes, for each line, provide the expected location, frequency and length of those stoppages.

41. For each proposed transmission line, provide a description of current traffic and road conditions, including number of lanes, presence of shoulders and/or bridges, speed and weight limits for each road proposed to be used during construction.

42. For each proposed transmission line provide a one-page directional map showing highlighted anticipated delivery routes for the project.

43. Provide any communication with the Federal Aviation Administration (FAA) or the Kentucky Airport Zoning Commission (KAZC) regarding the projects.

44. Provide any communications with Cincinnati/Northern Kentucky International Airport (CVG) regarding the projects. Provide in the response any concerns that were raised.

45. Explain whether any portion of the project sites are located within Florence city limits.

46. Provide details of any communications with the Boone County Road Department.

47. Explain whether there are any agreements in place with other utilities concerning the proposed transmission lines. If so, provide copies of the agreements.

48. Explain whether any portion of the projects meets Federal Aviation Administration (FAA) obstruction evaluation criteria and is therefore subject to review by the FAA.

49. Provide any studies performed by the FAA for the projects.

50. Refer to the Route Selection Study. Overlay figures 2, 3, 4, and 5 with the proposed transmission line routes.

51. Provide a narrative description of construction methods for the section(s) of the proposed transmission line(s) that will cross the I-75 or I-71 interstate.

52. Provide if any sections of I-75 or I-71 will be impacted by traffic restrictions relating to the project(s).

53. Provide a Traffic Study for each of the proposed transmission line projects.

54. Provide if the project will require oversize deliveries for specific project components.

55. Explain when the Turfway substation will be constructed.

56. Explain whether the conductor's capacity of the existing circuit adequate for the increased demand/load coming from the new Turfway substation.

57. Explain whether there any scenic areas identified along either of the proposed transmission line routes.

58. Explain what components of the proposed transmission lines or tie-in areas are owned by Duke Energy Kentucky. Specifically include whether the Turfway Substation will be owned by Duke Energy Kentucky.

59. For each transmission line, provide the minimum ROW required from the centerline on each side of the transmission lines.

60. Refer to the Application, page 7. Provide any communication with the cities or owners of the parks listed in Table 3 regarding the proposed projects.

61. Explain how the proposed transmission lines and structures are compatible with the surrounding areas.



Linda C. Bridwell, PE
Executive Director
Public Service Commission *on behalf*
of the Kentucky State Board on
Generation and Transmission Siting
P.O. Box 615
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DATED **OCT 15 2025**

cc: Parties of Record

Case No. 2025-00228

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