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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | | DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | | |  | | | | 1. | Line Name: | Garver-Carlisle | |  | Line Number: | DEO-7582 | |  |  |  | | 2. | Point of Origin: | Pole 8W-363 | |  | Terminus: | Pole W72-274 | |  |  |  | | 3. | Right-of-Way, Length: | N/A | |  | Average Width: | In public right-of-way | |  | Number of Circuits: | 1 transmission line above 125 kV | |  |  |  | | 4. | Voltage: | 138 kV design and operate voltage | |  |  |  | | 5. | Application for Certificate: | 10/2024 | |  |  |  | | 6. | Construction to Commence: | 3/2025 | |  | Commercial Operation: | 4/2025 | |  |  |  | | 7. | Capital Investment: | $420,000 | |  |  |  | | 8. | Substations: | None | |  |  |  | | 9. | Supporting Structures: | steel poles | |  |  |  | | 10. | Participation with other Utilities: | DEO – 100% | |  |  |  | | 11. | Purpose of the planned transmission line: | Replace approximately five deteriorated poles between and inclusive of origin and terminus poles. | |  |  |  | | 12. | Consequences of Line Construction deferment or Termination: | Failure of existing structures. | |  |  |  | | 13. | Miscellaneous: | Area to be served is northwest Warren County.  PJM Project No.: not required |  |  |  |  | | --- | --- | --- | | DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | | |  | | | | 1. | Line Name: | Willey-Terminal | |  | Line Number: | DEO-9787 | |  |  |  | | 2. | Point of Origin: | Willey Substation | |  | Terminus: | Terminal Substation | |  |  |  | | 3. | Right-of-Way, Length: | N/A | |  | Average Width: | In public right-of-way, 50 feet, 100 feet where applicable | |  | Number of Circuits: | 1 transmission line above 125 kV | |  |  |  | | 4. | Voltage: | 138 kV design and operate voltage | |  |  |  | | 5. | Application for Certificate: | 6/2025 | |  |  |  | | 6. | Construction to Commence: | 11/2025 | |  | Commercial Operation: | 12/2026 | |  |  |  | | 7. | Capital Investment: | $6,500,000 | |  |  |  | | 8. | Substations: | None | |  |  |  | | 9. | Supporting Structures: | steel poles | |  |  |  | | 10. | Participation with other Utilities: | DEO – 100% | |  |  |  | | 11. | Purpose of the planned transmission line: | Replace approximately 127 deteriorated poles between Willey and Terminal substations. | |  |  |  | | 12. | Consequences of Line Construction deferment or Termination: | Failure of existing structures. | |  |  |  | | 13. | Miscellaneous: | Area to be served is northwestern Hamilton County.  PJM Project No.: not required | | DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | | |  | | | | 1. | Line Name: | Port Union-Summerside | |  | Line Number: | DEO-3881 | |  |  |  | | 2. | Point of Origin: | Pole 77BT-79 | |  | Terminus: | Pole 77BT-79 | |  |  |  | | 3. | Right-of-Way, Length: | N/A | |  | Average Width: | In public right-of-way, 50 feet, 100 feet where applicable | |  | Number of Circuits: | 1 transmission line above 125 kV | |  |  |  | | 4. | Voltage: | 138 kV design and operate voltage | |  |  |  | | 5. | Application for Certificate: | 6/2025 | |  |  |  | | 6. | Construction to Commence: | 11/2025 | |  | Commercial Operation: | 12/2025 | |  |  |  | | 7. | Capital Investment: | $100,000 | |  |  |  | | 8. | Substations: | None | |  |  |  | | 9. | Supporting Structures: | steel pole | |  |  |  | | 10. | Participation with other Utilities: | DEO – 100% | |  |  |  | | 11. | Purpose of the planned transmission line: | Replace deteriorated pole. | |  |  |  | | 12. | Consequences of Line Construction deferment or Termination: | Failure of existing structure. | |  |  |  | | 13. | Miscellaneous: | Area to be served is northeastern Hamilton County.  PJM Project No.: not required |   DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | |
|  | | |
| 1. | Line Name: | Summerside-Beckjord |
|  | Line Number: | DEO-6984 |
|  |  |  |
| 2. | Point of Origin: | Structure HL181 |
|  | Terminus: | Summerside Substation |
|  |  |  |
| 3. | Right-of-Way, Length: | approximately 200 feet |
|  | Average Width: | on Duke-owned property |
|  | Number of Circuits: | 1 transmission line above 125 kV |
|  |  |  |
| 4. | Voltage: | 138 kV design and operate voltage |
|  |  |  |
| 5. | Application for Certificate: | 6/2027 |
|  |  |  |
| 6. | Construction to Commence: | 11/2027 |
|  | Commercial Operation: | 12/2027 |
|  |  |  |
| 7. | Capital Investment: | $1,200,000 |
|  |  |  |
| 8. | Substations: | none |
|  |  |  |
| 9. | Supporting Structures: | steel poles |
|  |  |  |
| 10. | Participation with other Utilities: | DEO – 100% |
|  |  |  |
| 11. | Purpose of the planned transmission line: | Relocation circuit to new bay location in substation to allow substation expansion for new distribution supply equipment. |
|  |  |  |
| 12. | Consequences of Line Construction deferment or Termination: | Inability to perform required substation work, to provide 34.5 kV distribution system capacity and enhanced reliability. |
|  |  |  |
| 13. | Miscellaneous: | Area to be served is primarily Clermont  County.  PJM Project No.: supplemental project no. pending |
| DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | | |
|  | | | |
| 1. | Line Name: | Summerside-Beckjord | |
|  | Line Number: | DEO-6984 | |
|  |  |  | |
| 2. | Point of Origin: | Aicholtz Substation (Beckjord side) | |
|  | Terminus: | Structure 6C-X1-39 | |
|  |  |  | |
| 3. | Right-of-Way, Length: | approximately 250 feet | |
|  | Average Width: | On Duke-owned property | |
|  | Number of Circuits: | 1 transmission line above 125 kV | |
|  |  |  | |
| 4. | Voltage: | 138 kV design and operate voltage | |
|  |  |  | |
| 5. | Application for Certificate: | 6/2024 | |
|  |  |  | |
| 6. | Construction to Commence: | 12/2025 | |
|  | Commercial Operation: | 6/2026 | |
|  |  |  | |
| 7. | Capital Investment: | $1,000,000 | |
|  |  |  | |
| 8. | Substations: | none | |
|  |  |  | |
| 9. | Supporting Structures: | steel poles | |
|  |  |  | |
| 10. | Participation with other Utilities: | DEO – 100% | |
|  |  |  | |
| 11. | Purpose of the planned transmission line: | To provide 12.47 kV distribution system capacity and enhanced reliability, | |
|  |  |  | |
| 12. | Consequences of Line Construction deferment or Termination: | Inability to supply 12.47 kV distribution load and enhance reliability. | |
|  |  |  | |
| 13. | Miscellaneous: | Area to be served is primarily Clermont County  PJM Project No.: s2971 | |

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| DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | |
|  | | |
| 1. | Line Name: | Summerside-Beckjord |
|  | Line Number: | DEO-6984 |
|  |  |  |
| 2. | Point of Origin: | Aicholtz Substation (Summerside side) |
|  | Terminus: | Structure 6C-X1-39 |
|  |  |  |
| 3. | Right-of-Way, Length: | approximately 250 feet |
|  | Average Width: | On Duke-owned property |
|  | Number of Circuits: | 1 transmission line above 125 kV |
|  |  |  |
| 4. | Voltage: | 138 kV design and operate voltage |
|  |  |  |
| 5. | Application for Certificate: | 6/2024 |
|  |  |  |
| 6. | Construction to Commence: | 12/2025 |
|  | Commercial Operation: | 6/2026 |
|  |  |  |
| 7. | Capital Investment: | $1,000,000 |
|  |  |  |
| 8. | Substations: | None |
|  |  |  |
| 9. | Supporting Structures: | steel poles |
|  |  |  |
| 10. | Participation with other Utilities: | DEO – 100% |
|  |  |  |
| 11. | Purpose of the planned transmission line: | To provide 12.47 kV distribution system capacity and enhanced reliability, |
|  |  |  |
| 12. | Consequences of Line Construction deferment or Termination: | Inability to supply 12.47 kV distribution load and enhance reliability. |
|  |  |  |
| 13. | Miscellaneous: | Area to be served is primarily Clermont County  PJM Project No.: s2971 |

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| DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | |
|  | | |
| 1. | Line Name: | Beckjord-Remington |
|  | Line Number: | DEO-9482 |
|  |  |  |
| 2. | Point of Origin: | Structure 6C-X1-39 |
|  | Terminus: | N/A |
|  |  |  |
| 3. | Right-of-Way, Length: | approximately 250 feet |
|  | Average Width: | On Duke-owned property |
|  | Number of Circuits: | 1 transmission line above 125 kV |
|  |  |  |
| 4. | Voltage: | 138 kV design and operate voltage |
|  |  |  |
| 5. | Application for Certificate: | 6/2024 |
|  |  |  |
| 6. | Construction to Commence: | 12/2025 |
|  | Commercial Operation: | 6/2026 |
|  |  |  |
| 7. | Capital Investment: | $1,000,000 |
|  |  |  |
| 8. | Substations: | None |
|  |  |  |
| 9. | Supporting Structures: | steel poles |
|  |  |  |
| 10. | Participation with other Utilities: | DEO – 100% |
|  |  |  |
| 11. | Purpose of the planned transmission line: | Work required on DEO-9482 circuit which is adjacent to and on the same structures as DEO-6984 to accommodate work on DEO-6984 for the Aicholtz substation project. |
|  |  |  |
| 12. | Consequences of Line Construction deferment or Termination: | Inability to supply 12.47 kV distribution load and enhance reliability. |
|  |  |  |
| 13. | Miscellaneous: | Area to be served is primarily Clermont County  PJM Project No.: s2971 |

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| DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | |
|  | | |
| 1. | Line Name: | West End-South Fairmount |
|  | Line Number: | DEO-1581 |
|  |  |  |
| 2. | Point of Origin: | Structure M8-X1-18 (or vicinity) |
|  | Terminus: | Camp Washington (new) |
|  |  |  |
| 3. | Right-of-Way, Length: | approximately 2,000 feet |
|  | Average Width: | 150 feet |
|  | Number of Circuits: | 2 transmission line above 125 kV |
|  |  |  |
| 4. | Voltage: | 138 kV design and operate voltage |
|  |  |  |
| 5. | Application for Certificate: | 6/2024 |
|  |  |  |
| 6. | Construction to Commence: | 12/2024 |
|  | Commercial Operation: | 12/2025 |
|  |  |  |
| 7. | Capital Investment: | $0 (fully reimbursable) |
|  |  |  |
| 8. | Substations: | Camp Washington |
|  |  |  |
| 9. | Supporting Structures: | steel poles |
|  |  |  |
| 10. | Participation with other Utilities: | DEO – 100% |
|  |  |  |
| 11. | Purpose of the planned transmission line: | Relocate line to accommodate governmental road improvement project. |
|  |  |  |
| 12. | Consequences of Line Construction deferment or Termination: | Failure to comply with road improvement project. |
|  |  |  |
| 13. | Miscellaneous: | Area to be served is primarily central Hamilton County.  PJM Project No.: s2918 |

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| DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | |
|  | | |
| 1. | Line Name: | Wilder-Brighton |
|  | Line Number: | DEO-2166 |
|  |  |  |
| 2. | Point of Origin: | Structure M8-X1-18 (or vicinity) |
|  | Terminus: | N/A |
|  |  |  |
| 3. | Right-of-Way, Length: | N/A |
|  | Average Width: | 150 feet |
|  | Number of Circuits: | 2 transmission line above 125 kV |
|  |  |  |
| 4. | Voltage: | 138 kV design and operate voltage |
|  |  |  |
| 5. | Application for Certificate: | 6/2024 |
|  |  |  |
| 6. | Construction to Commence: | 12/2024 |
|  | Commercial Operation: | 12/2025 |
|  |  |  |
| 7. | Capital Investment: | $0 (fully reimbursable) |
|  |  |  |
| 8. | Substations: | none |
|  |  |  |
| 9. | Supporting Structures: | steel poles |
|  |  |  |
| 10. | Participation with other Utilities: | DEO – 100% |
|  |  |  |
| 11. | Purpose of the planned transmission line: | Relocate line to accommodate governmental road improvement project. |
|  |  |  |
| 12. | Consequences of Line Construction deferment or Termination: | Failure to comply with road improvement project. |
|  |  |  |
| 13. | Miscellaneous: | Area to be served is primarily central Hamilton County.  PJM Project No.: s2918 |

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| DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | |
|  | | |
| 1. | Line Name: | Mitchell-Brighton |
|  | Line Number: | DEO-1263 |
|  |  |  |
| 2. | Point of Origin: | Structure M8-X1-18 (or vicinity) |
|  | Terminus: | N/A |
|  |  |  |
| 3. | Right-of-Way, Length: | N/A |
|  | Average Width: | 150 feet |
|  | Number of Circuits: | 2 transmission line above 125 kV |
|  |  |  |
| 4. | Voltage: | 138 kV design and operate voltage |
|  |  |  |
| 5. | Application for Certificate: | 6/2024 |
|  |  |  |
| 6. | Construction to Commence: | 12/2024 |
|  | Commercial Operation: | 12/2025 |
|  |  |  |
| 7. | Capital Investment: | $0 (fully reimbursable) |
|  |  |  |
| 8. | Substations: | none |
|  |  |  |
| 9. | Supporting Structures: | steel poles |
|  |  |  |
| 10. | Participation with other Utilities: | DEO – 100% |
|  |  |  |
| 11. | Purpose of the planned transmission line: | Relocate line to accommodate governmental road improvement project. |
|  |  |  |
| 12. | Consequences of Line Construction deferment or Termination: | Failure to comply with road improvement project. |
|  |  |  |
| 13. | Miscellaneous: | Area to be served is primarily central Hamilton County.  PJM Project No.: s2918 |

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| DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | | | | | |
|  | | | | | | |
| 1. | | Line Name: | | Red Bank-Ashland | | |
|  | | Line Number: | | DEO-7484 | | |
|  | |  | |  | | |
| 2. | | Point of Origin: | | Manhole 4-33-5 | | |
|  | | Terminus: | | Manhole 4-37-7 | | |
|  | |  | |  | | |
| 3. | | Right-of-Way, Length: | | approximately 1700 feet | | |
|  | | Average Width: | | In road/public right-of-way | | |
|  | | Number of Circuits: | | 1 transmission line above 125 kV | | |
|  | |  | |  | | |
| 4. | | Voltage: | | 138 kV design and operate voltage | | |
|  | |  | |  | | |
| 5. | | Application for Certificate: | | 3/2023 | | |
|  | |  | |  | | |
| 6. | | Construction to Commence: | | 9/2023 | | |
|  | | Commercial Operation: | | 12/2024 | | |
|  | |  | |  | | |
| 7. | | Capital Investment: | | $11,100,000 | | |
|  | |  | |  | | |
| 8. | | Substations: | | none | | |
|  | |  | |  | | |
| 9. | | Supporting Structures: | | underground | | |
|  | |  | |  | | |
| 10. | | Participation with other Utilities: | | DEO – 100% | | |
|  | |  | |  | | |
| 11. | | Purpose of the planned transmission line: | | Relocation of three underground cables that make up a portion of the existing DEO-7484 circuit to restore full capacity. | | |
|  | |  | |  | | |
| 12. | | Consequences of Line Construction deferment or Termination: | | The existing circuit is made up of 6 cables, configured as two cables per phase in parallel. One set of cables was damaged beyond repair. The 1940’s vintage duct system was found to be deteriorated and would not allow new cables to be installed along the same route. The circuit is currently limited to approximately 50% capacity for emergency use only, which is not tenable for long term operation, the full capacity must be restored. | | |
|  | |  | |  | | |
| 13. | | Miscellaneous: | | Area to be served is central Hamilton  County.  PJM Project No.: not required | | |
| DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | | | | |
|  | | | | | |
| 1. | Line Name: | | Miami Fort-Hebron | | |
|  | Line Number: | | DEO-1683 | | |
|  |  | |  | | |
| 2. | Point of Origin: | | Miami Fort Substation | | |
|  | Terminus: | | Ohio/Kentucky State Line | | |
|  |  | |  | | |
| 3. | Right-of-Way, Length: | | approximately 900 feet | | |
|  | Average Width: | | 100 feet | | |
|  | Number of Circuits: | | 1 transmission line above 125 kV | | |
|  |  | |  | | |
| 4. | Voltage: | | 138 kV design and operate voltage | | |
|  |  | |  | | |
| 5. | Application for Certificate: | | 6/2024 | | |
|  |  | |  | | |
| 6. | Construction to Commence: | | 3/2025 | | |
|  | Commercial Operation: | | 6/2026 | | |
|  |  | |  | | |
| 7. | Capital Investment: | | $5,000,000 | | |
|  |  | |  | | |
| 8. | Substations: | | None | | |
|  |  | |  | | |
| 9. | Supporting Structures: | | steel poles | | |
|  |  | |  | | |
| 10. | Participation with other Utilities: | | DEO – 100% | | |
|  |  | |  | | |
| 11. | Purpose of the planned transmission line: | | Increase capacity of the existing Miami Fort to Hebron 138 kV Feeder DEO-1683. | | |
|  |  | |  | | |
| 12. | Consequences of Line Construction deferment or Termination: | | Overload of existing conductor during various outage conditions. | | |
|  |  | |  | | |
| 13. | Miscellaneous: | | Area to be served is primarily south-west Hamilton County.  PJM Project No.: b3334 | | |
| DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | | | | |
|  | | | | | |
| 1. | Line Name: | | Miami Fort-Hebron | | |
|  | Line Number: | | DEO-2862 | | |
|  |  | |  | | |
| 2. | Point of Origin: | | Miami Fort Substation | | |
|  | Terminus: | | Ohio/Kentucky State Line | | |
|  |  | |  | | |
| 3. | Right-of-Way, Length: | | approximately 900 feet | | |
|  | Average Width: | | 100 feet | | |
|  | Number of Circuits: | | 1 transmission line above 125 kV | | |
|  |  | |  | | |
| 4. | Voltage: | | 138 kV design, 69 kV operate voltage | | |
|  |  | |  | | |
| 5. | Application for Certificate: | | 6/2024 | | |
|  |  | |  | | |
| 6. | Construction to Commence: | | 3/2025 | | |
|  | Commercial Operation: | | 6/2026 | | |
|  |  | |  | | |
| 7. | Capital Investment: | | $5,000,000 | | |
|  |  | |  | | |
| 8. | Substations: | | None | | |
|  |  | |  | | |
| 9. | Supporting Structures: | | steel poles | | |
|  |  | |  | | |
| 10. | Participation with other Utilities: | | DEO – 100% | | |
|  |  | |  | | |
| 11. | Purpose of the planned transmission line: | | Increase capacity of the existing Miami Fort to Hebron 138 kV Feeder DEO-1683. | | |
|  |  | |  | | |
| 12. | Consequences of Line Construction deferment or Termination: | | Overload of existing conductor during various outage conditions. | | |
|  |  | |  | | |
| 13. | Miscellaneous: | | Area to be served is primarily south-west Hamilton County.  PJM Project No.: b3334 | | |
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| DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | | | | | |
|  | | | | | | |
| 1. | Line Name: | | | | Red Bank-Zimmer | |
|  | Line Number: | | | | DEO-4545 | |
|  |  | | | |  | |
| 2. | Point of Origin: | | | | Structure U10-X31-94 | |
|  | Terminus: | | | | Structure U10-X30-89 | |
|  |  | | | |  | |
| 3. | Right-of-Way, Length: | | | | approximately 5200 feet | |
|  | Average Width: | | | | 150 feet | |
|  | Number of Circuits: | | | | 1 transmission line above 125 kV | |
|  |  | | | |  | |
| 4. | Voltage: | | | | 345 kV design and operate voltage | |
|  |  | | | |  | |
| 5. | Application for Certificate: | | | | 12/2024 | |
|  |  | | | |  | |
| 6. | Construction to Commence: | | | | 1/2026 | |
|  | Commercial Operation: | | | | 12/2026 | |
|  |  | | | |  | |
| 7. | Capital Investment: | | | | $2,200,000 | |
|  |  | | | |  | |
| 8. | Substations: | | | | none | |
|  |  | | | |  | |
| 9. | Supporting Structures: | | | | steel poles | |
|  |  | | | |  | |
| 10. | Participation with other Utilities: | | | | DEO – 100% | |
|  |  | | | |  | |
| 11. | Purpose of the planned transmission line: | | | | Reroute circuit around existing tower U10-X30-92 due to eroding riverbank. | |
|  |  | | | |  | |
| 12. | Consequences of Line Construction deferment or Termination: | | | | Repeated failure of existing structure due to flooding incidents. | |
|  |  | | | |  | |
| 13. | Miscellaneous: | | | | Area to be served is Hamilton County and surrounding areas.  PJM Project No.: not required | |

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| DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | | | |
|  | | | | |
| 1. | Line Name: | | | Red Bank-Beckjord |
|  | Line Number: | | | DEO-1883 |
|  |  | | |  |
| 2. | Point of Origin: | | | Structure U10-X31-94 |
|  | Terminus: | | | Structure U10-X30-89 |
|  |  | | |  |
| 3. | Right-of-Way, Length: | | | approximately 5200 feet |
|  | Average Width: | | | 150 feet |
|  | Number of Circuits: | | | 1 transmission line above 125 kV |
|  |  | | |  |
| 4. | Voltage: | | | 345 kV design, 138 kV operate voltage |
|  |  | | |  |
| 5. | Application for Certificate: | | | 12/2024 |
|  |  | | |  |
| 6. | Construction to Commence: | | | 1/2026 |
|  | Commercial Operation: | | | 12/2026 |
|  |  | | |  |
| 7. | Capital Investment: | | | $2,200,000 |
|  |  | | |  |
| 8. | Substations: | | | none |
|  |  | | |  |
| 9. | Supporting Structures: | | | steel poles |
|  |  | | |  |
| 10. | Participation with other Utilities: | | | DEO – 100% |
|  |  | | |  |
| 11. | Purpose of the planned transmission line: | | | Reroute circuit around existing tower U10-X30-92 due to eroding riverbank. |
|  |  | | |  |
| 12. | Consequences of Line Construction deferment or Termination: | | | Repeated failure of existing structure due to flooding incidents. |
|  |  | | |  |
| 13. | Miscellaneous: | | | Area to be served is Hamilton County and surrounding areas.  PJM Project No.: not required |
| DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | | | |
|  | | | | |
| 1. | | Line Name: | West End-Augustine | |
|  | | Line Number: | DEO-5985 | |
|  | |  |  | |
| 2. | | Point of Origin: | West end Substation | |
|  | | Terminus: | Ohio/Kentucky State line | |
|  | |  |  | |
| 3. | | Right-of-Way, Length: | approximately 100 feet | |
|  | | Average Width: | 150 feet | |
|  | | Number of Circuits: | 2 transmission line above 125 kV | |
|  | |  |  | |
| 4. | | Voltage: | 138 kV design and operate voltage | |
|  | |  |  | |
| 5. | | Application for Certificate: | 6/2027 | |
|  | |  |  | |
| 6. | | Construction to Commence: | 9/2028 | |
|  | | Commercial Operation: | 12/2028 | |
|  | |  |  | |
| 7. | | Capital Investment: | $10,000,000 | |
|  | |  |  | |
| 8. | | Substations: | none | |
|  | |  |  | |
| 9. | | Supporting Structures: | steel poles | |
|  | |  |  | |
| 10. | | Participation with other Utilities: | DEO – 100% | |
|  | |  |  | |
| 11. | | Purpose of the planned transmission line: | Rebuild Ohio River crossing to accommodate West End substation upgrade project. | |
|  | |  |  | |
| 12. | | Consequences of Line Construction deferment or Termination: | Inability to complete West End substation upgrade project. | |
|  | |  |  | |
| 13. | | Miscellaneous: | Area to be served is primarily south Hamilton County.  PJM Project No.: conceptual | |

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| DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | |
|  | | |
| 1. | Line Name: | West End-Augustine |
|  | Line Number: | DEO-2166 |
|  |  |  |
| 2. | Point of Origin: | West end Substation |
|  | Terminus: | Ohio/Kentucky State line |
|  |  |  |
| 3. | Right-of-Way, Length: | approximately 100 feet |
|  | Average Width: | 150 feet |
|  | Number of Circuits: | 2 transmission line above 125 kV |
|  |  |  |
| 4. | Voltage: | 138 kV design, 69 kV operate voltage |
|  |  |  |
| 5. | Application for Certificate: | 6/2027 |
|  |  |  |
| 6. | Construction to Commence: | 9/2028 |
|  | Commercial Operation: | 12/2028 |
|  |  |  |
| 7. | Capital Investment: | $10,000,000 |
|  |  |  |
| 8. | Substations: | none |
|  |  |  |
| 9. | Supporting Structures: | steel poles |
|  |  |  |
| 10. | Participation with other Utilities: | DEO – 100% |
|  |  |  |
| 11. | Purpose of the planned transmission line: | Rebuild Ohio River crossing to accommodate West End substation upgrade project. |
|  |  |  |
| 12. | Consequences of Line Construction deferment or Termination: | Inability to complete West End substation upgrade project. |
|  |  |  |
| 13. | Miscellaneous: | Area to be served is primarily south Hamilton County.  PJM Project No.: conceptual |

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| DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | |
|  | | |
| 1. | Line Name: | Port Union-Summerside |
|  | Line Number: | DEO-3881 |
|  |  |  |
| 2. | Point of Origin: | Pole 77BT-80 |
|  | Terminus: | Pole V26-61 |
|  |  |  |
| 3. | Right-of-Way, Length: | Approximately 2300 feet |
|  | Average Width: | In public right-of-way |
|  | Number of Circuits: | 1 transmission line above 125 kV |
|  |  |  |
| 4. | Voltage: | 138 kV design and operate voltage |
|  |  |  |
| 5. | Application for Certificate: | 10/2024 |
|  |  |  |
| 6. | Construction to Commence: | 3/2025 |
|  | Commercial Operation: | 6/2025 |
|  |  |  |
| 7. | Capital Investment: | $300,000 |
|  |  |  |
| 8. | Substations: | none |
|  |  |  |
| 9. | Supporting Structures: | steel poles |
|  |  |  |
| 10. | Participation with other Utilities: | DEO – 100% |
|  |  |  |
| 11. | Purpose of the planned transmission line: | Relocate approximately 13 poles to accommodate governmental road improvement project. |
|  |  |  |
| 12. | Consequences of Line Construction deferment or Termination: | Failure to comply with road improvement project. |
|  |  |  |
| 13. | Miscellaneous: | Area to be served is primarily north Hamilton County.  PJM Project No.: not required |

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| DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | |
|  | | |
| 1. | Line Name: | Miami Fort-Ebenezer |
|  | Line Number: | DEO-6864 |
|  |  |  |
| 2. | Point of Origin: | To be Determined |
|  | Terminus: | To be Determined |
|  |  |  |
| 3. | Right-of-Way, Length: | To be Determined |
|  | Average Width: | To be Determined |
|  | Number of Circuits: | 1 transmission line above 125 kV |
|  |  |  |
| 4. | Voltage: | 138 kV design, 69 kV operate voltage |
|  |  |  |
| 5. | Application for Certificate: | To be Determined |
|  |  |  |
| 6. | Construction to Commence: | To be Determined |
|  | Commercial Operation: | To be Determined |
|  |  |  |
| 7. | Capital Investment: | To be Determined |
|  |  |  |
| 8. | Substations: | none |
|  |  |  |
| 9. | Supporting Structures: | steel poles |
|  |  |  |
| 10. | Participation with other Utilities: | DEO – 100% |
|  |  |  |
| 11. | Purpose of the planned transmission line: | Relocate line to accommodate governmental road improvement project. |
|  |  |  |
| 12. | Consequences of Line Construction deferment or Termination: | Failure to comply with road improvement project. |
|  |  |  |
| 13. | Miscellaneous: | Area to be served is primarily north Hamilton County.  PJM Project No.: not required |

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| DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | |
|  | | |
| 1. | Line Name: | Miami Fort-Ebenezer |
|  | Line Number: | DEO-1783 |
|  |  |  |
| 2. | Point of Origin: | To be Determined |
|  | Terminus: | To be Determined |
|  |  |  |
| 3. | Right-of-Way, Length: | To be Determined |
|  | Average Width: | To be Determined |
|  | Number of Circuits: | 1 transmission line above 125 kV |
|  |  |  |
| 4. | Voltage: | 138 kV design and operate voltage |
|  |  |  |
| 5. | Application for Certificate: | To be Determined |
|  |  |  |
| 6. | Construction to Commence: | To be Determined |
|  | Commercial Operation: | To be Determined |
|  |  |  |
| 7. | Capital Investment: | To be Determined |
|  |  |  |
| 8. | Substations: | none |
|  |  |  |
| 9. | Supporting Structures: | steel poles |
|  |  |  |
| 10. | Participation with other Utilities: | DEO – 100% |
|  |  |  |
| 11. | Purpose of the planned transmission line: | Relocate line to accommodate governmental road improvement project. |
|  |  |  |
| 12. | Consequences of Line Construction deferment or Termination: | Failure to comply with road improvement project. |
|  |  |  |
| 13. | Miscellaneous: | Area to be served is primarily north Hamilton County.  PJM Project No.: not required |

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| DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | |
|  | | |
| 1. | Line Name: | Foster-Shaker Run |
|  | Line Number: | DEO-5485 |
|  |  |  |
| 2. | Point of Origin: | To be Determined |
|  | Terminus: | To be Determined |
|  |  |  |
| 3. | Right-of-Way, Length: | To be Determined |
|  | Average Width: | To be Determined |
|  | Number of Circuits: | 1 transmission line above 125 kV |
|  |  |  |
| 4. | Voltage: | 345 kV design, 138 kV operate voltage |
|  |  |  |
| 5. | Application for Certificate: | To be Determined |
|  |  |  |
| 6. | Construction to Commence: | To be Determined |
|  | Commercial Operation: | To be Determined |
|  |  |  |
| 7. | Capital Investment: | To be Determined |
|  |  |  |
| 8. | Substations: | none |
|  |  |  |
| 9. | Supporting Structures: | steel poles |
|  |  |  |
| 10. | Participation with other Utilities: | DEO – 100% |
|  |  |  |
| 11. | Purpose of the planned transmission line: | Replace tower to accommodate customer project. |
|  |  |  |
| 12. | Consequences of Line Construction deferment or Termination: | Failure to accommodate customer project. |
|  |  |  |
| 13. | Miscellaneous: | Area to be served is primarily northwest Warren County.  PJM Project No.: not required |

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| DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | |
|  | | |
| 1. | Line Name: | Foster-Todhunter |
|  | Line Number: | DEO-4515 |
|  |  |  |
| 2. | Point of Origin: | To be Determined |
|  | Terminus: | To be Determined |
|  |  |  |
| 3. | Right-of-Way, Length: | To be Determined |
|  | Average Width: | To be Determined |
|  | Number of Circuits: | 1 transmission line above 125 kV |
|  |  |  |
| 4. | Voltage: | 345 kV design and operate voltage |
|  |  |  |
| 5. | Application for Certificate: | To be Determined |
|  |  |  |
| 6. | Construction to Commence: | To be Determined |
|  | Commercial Operation: | To be Determined |
|  |  |  |
| 7. | Capital Investment: | To be Determined |
|  |  |  |
| 8. | Substations: | none |
|  |  |  |
| 9. | Supporting Structures: | steel poles |
|  |  |  |
| 10. | Participation with other Utilities: | DEO – 100% |
|  |  |  |
| 11. | Purpose of the planned transmission line: | Replace tower to accommodate customer project. |
|  |  |  |
| 12. | Consequences of Line Construction deferment or Termination: | Failure to accommodate customer project. |
|  |  |  |
| 13. | Miscellaneous: | Area to be served is primarily northwest Warren County.  PJM Project No.: not required |

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| DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | |
|  | | |
| 1. | Line Name: | Cedarville-Ford Batavia |
|  | Line Number: | DEO-2986 |
|  |  |  |
| 2. | Point of Origin: | Solar Interconnection Substation |
|  | Terminus: | To be determined (Cedarville side) |
|  |  |  |
| 3. | Right-of-Way, Length: | To be determined |
|  | Average Width: | 100 Feet |
|  | Number of Circuits: | 1 transmission line above 125 kV |
|  |  |  |
| 4. | Voltage: | 138 kV design and operate voltage |
|  |  |  |
| 5. | Application for Certificate: | 6/2025 |
|  |  |  |
| 6. | Construction to Commence: | 9/2026 |
|  | Commercial Operation: | 12/2026 |
|  |  |  |
| 7. | Capital Investment: | $0 (fully reimbursable) |
|  |  |  |
| 8. | Substations: | None |
|  |  |  |
| 9. | Supporting Structures: | steel poles |
|  |  |  |
| 10. | Participation with other Utilities: | DEO – 100% |
|  |  |  |
| 11. | Purpose of the planned transmission line: | Connect Savion Energy solar generating facility to Duke Energy Ohio transmission system. |
|  |  |  |
| 12. | Consequences of Line Construction deferment or Termination: | Solar facility unable to generate. |
|  |  |  |
| 13. | Miscellaneous: | Area to be served is the PJM interconnection.  PJM Project No.: AE2-318 |

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| DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | |
|  | | |
| 1. | Line Name: | Cedarville-Ford Batavia |
|  | Line Number: | DEO-2986 |
|  |  |  |
| 2. | Point of Origin: | Solar Interconnection Substation |
|  | Terminus: | To be determined (Ford Batavia side) |
|  |  |  |
| 3. | Right-of-Way, Length: | To be determined |
|  | Average Width: | 100 Feet |
|  | Number of Circuits: | 1 transmission line above 125 kV |
|  |  |  |
| 4. | Voltage: | 138 kV design and operate voltage |
|  |  |  |
| 5. | Application for Certificate: | 6/2025 |
|  |  |  |
| 6. | Construction to Commence: | 9/2026 |
|  | Commercial Operation: | 12/2026 |
|  |  |  |
| 7. | Capital Investment: | $0 (fully reimbursable) |
|  |  |  |
| 8. | Substations: | None |
|  |  |  |
| 9. | Supporting Structures: | steel poles |
|  |  |  |
| 10. | Participation with other Utilities: | DEO – 100% |
|  |  |  |
| 11. | Purpose of the planned transmission line: | Connect Savion Energy solar generating facility to Duke Energy Ohio transmission system. |
|  |  |  |
| 12. | Consequences of Line Construction deferment or Termination: | Solar facility unable to generate. |
|  |  |  |
| 13. | Miscellaneous: | Area to be served is the PJM interconnection.  PJM Project No.: AE2-318 |

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| DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | |
|  | | |
| 1. | Line Name: | Port Union-Summerside |
|  | Line Number: | DEO-3881 |
|  |  |  |
| 2. | Point of Origin: | Tap Feeder 3881 (Port Union side) |
|  | Terminus: | Montgomery Substation |
|  |  |  |
| 3. | Right-of-Way, Length: | approximately 200 feet |
|  | Average Width: | 100 feet |
|  | Number of Circuits: | 1 transmission line above 125 kV |
|  |  |  |
| 4. | Voltage: | 138 kV design and operate voltage |
|  |  |  |
| 5. | Application for Certificate: | 6/2027 |
|  |  |  |
| 6. | Construction to Commence: | 1/2028 |
|  | Commercial Operation: | 12/2029 |
|  |  |  |
| 7. | Capital Investment: | $400,000 |
|  |  |  |
| 8. | Substations: | none |
|  |  |  |
| 9. | Supporting Structures: | steel poles |
|  |  |  |
| 10. | Participation with other Utilities: | DEO – 100% |
|  |  |  |
| 11. | Purpose of the planned transmission line: | Loop DEO-3881 through Montgomery Substation to eliminate overload and/or low voltage conditions  for various contingencies |
|  |  |  |
| 12. | Consequences of Line Construction deferment or Termination: | overload and/or low voltage conditions continue to result for various contingencies. |
|  |  |  |
| 13. | Miscellaneous: | Area to be served is primarily southwestern Warren  County.  PJM Project No.: s1992 |

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| DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | |
|  | | |
| 1. | Line Name: | Port Union-Summerside |
|  | Line Number: | DEO-3881 |
|  |  |  |
| 2. | Point of Origin: | Tap Feeder 3881 (Summerside side) |
|  | Terminus: | Montgomery Substation |
|  |  |  |
| 3. | Right-of-Way, Length: | approximately 200 feet |
|  | Average Width: | 100 feet |
|  | Number of Circuits: | 1 transmission line above 125 kV |
|  |  |  |
| 4. | Voltage: | 138 kV design and operate voltage |
|  |  |  |
| 5. | Application for Certificate: | 6/2027 |
|  |  |  |
| 6. | Construction to Commence: | 1/2028 |
|  | Commercial Operation: | 12/2029 |
|  |  |  |
| 7. | Capital Investment: | $400,000 |
|  |  |  |
| 8. | Substations: | none |
|  |  |  |
| 9. | Supporting Structures: | steel poles |
|  |  |  |
| 10. | Participation with other Utilities: | DEO – 100% |
|  |  |  |
| 11. | Purpose of the planned transmission line: | Loop DEO-3881 through Montgomery Substation to eliminate overload and/or low voltage conditions  for various contingencies |
|  |  |  |
| 12. | Consequences of Line Construction deferment or Termination: | overload and/or low voltage conditions continue to result for various contingencies. |
|  |  |  |
| 13. | Miscellaneous: | Area to be served is primarily southwestern Warren  County.  PJM Project No.: s1992 |

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| DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | |
|  | | |
| 1. | Line Name: | Foster-Remington |
|  | Line Number: | DEO-5487 |
|  |  |  |
| 2. | Point of Origin: | Tap Feeder 5487 (Foster side) |
|  | Terminus: | Montgomery Substation |
|  |  |  |
| 3. | Right-of-Way, Length: | approximately 200 feet |
|  | Average Width: | 100 feet |
|  | Number of Circuits: | 1 transmission line above 125 kV |
|  |  |  |
| 4. | Voltage: | 138 kV design and operate voltage |
|  |  |  |
| 5. | Application for Certificate: | 6/2027 |
|  |  |  |
| 6. | Construction to Commence: | 1/2028 |
|  | Commercial Operation: | 12/2029 |
|  |  |  |
| 7. | Capital Investment: | $100,000 |
|  |  |  |
| 8. | Substations: | none |
|  |  |  |
| 9. | Supporting Structures: | steel poles |
|  |  |  |
| 10. | Participation with other Utilities: | DEO – 100% |
|  |  |  |
| 11. | Purpose of the planned transmission line: | Reconfigure DEO-5487 through Montgomery Substation to eliminate overload and/or low voltage conditions  for various contingencies. |
|  |  |  |
| 12. | Consequences of Line Construction deferment or Termination: | overload and/or low voltage conditions continue to result for various contingencies. |
|  |  |  |
| 13. | Miscellaneous: | Area to be served is primarily southwestern Warren  County.  PJM Project No.: s1992 |

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| DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | |
|  | | |
| 1. | Line Name: | Foster-Remington |
|  | Line Number: | DEO-5487 |
|  |  |  |
| 2. | Point of Origin: | Tap Feeder 5487 (Remington side) |
|  | Terminus: | Montgomery Substation |
|  |  |  |
| 3. | Right-of-Way, Length: | approximately 200 feet |
|  | Average Width: | 100 feet |
|  | Number of Circuits: | 1 transmission line above 125 kV |
|  |  |  |
| 4. | Voltage: | 138 kV design and operate voltage |
|  |  |  |
| 5. | Application for Certificate: | 6/2027 |
|  |  |  |
| 6. | Construction to Commence: | 1/2028 |
|  | Commercial Operation: | 12/2029 |
|  |  |  |
| 7. | Capital Investment: | $100,000 |
|  |  |  |
| 8. | Substations: | none |
|  |  |  |
| 9. | Supporting Structures: | steel poles |
|  |  |  |
| 10. | Participation with other Utilities: | DEO – 100% |
|  |  |  |
| 11. | Purpose of the planned transmission line: | Reconfigure DEO-5487 through Montgomery Substation to eliminate overload and/or low voltage conditions  for various contingencies. |
|  |  |  |
| 12. | Consequences of Line Construction deferment or Termination: | overload and/or low voltage conditions continue to result for various contingencies. |
|  |  |  |
| 13. | Miscellaneous: | Area to be served is primarily southwestern Warren  County.  PJM Project No.: s1992 |

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| DUKE ENERGY OHIO  4901:5-5-04(E)(1)  FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | |
| 1. | Line Name: | Foster-Port Union |
|  | Line Number: | DEO-5483 |
|  |  |  |
| 2. | Point of Origin: | Feeder 5483 |
|  | Terminus: | Montgomery Substation |
|  |  |  |
| 3. | Right-of-Way, Length: | approximately 200 feet |
|  | Average Width: | 100 feet |
|  | Number of Circuits: | 1 transmission line above 125 kV |
|  |  |  |
| 4. | Voltage: | 138 kV design and operate voltage |
|  |  |  |
| 5. | Application for Certificate: | 6/2027 |
|  |  |  |
| 6. | Construction to Commence: | 1/2028 |
|  | Commercial Operation: | 12/2029 |
|  |  |  |
| 7. | Capital Investment: | $240,000 |
|  |  |  |
| 8. | Substations: | none |
|  |  |  |
| 9. | Supporting Structures: | steel poles |
|  |  |  |
| 10. | Participation with other Utilities: | DEO – 100% |
|  |  |  |
| 11. | Purpose of the planned transmission line: | Reconfigure DEO-5487 through Montgomery Substation to eliminate overload and/or low voltage conditions  for various contingencies. |
|  |  |  |
| 12. | Consequences of Line Construction deferment or Termination: | overload and/or low voltage conditions continue to result for various contingencies. |
|  |  |  |
| 13. | Miscellaneous: | Area to be served is primarily southwestern Warren  County.  PJM Project No.: s1992 |

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| DUKE ENERGY OHIO  4901:5-5-04(E)(1) FORM FE-T9: SPECIFICATIONS OF PLANNED ELECTRIC TRANSMISSION LINES | | |
|  | | |
| 1. | Line Name: | Port Union-Foster |
|  | Line Number: | DEO-5483 |
|  |  |  |
| 2. | Point of Origin: | Tap Feeder 5483 (at or near Pole 524) |
|  | Terminus: | Socialville Substation |
|  |  |  |
| 3. | Right-of-Way, Length: | approximately 1,400 feet |
|  | Average Width: | 100 feet |
|  | Number of Circuits: | 1 transmission line above 125 kV |
|  |  |  |
| 4. | Voltage: | 138 kV design and operate voltage |
|  |  |  |
| 5. | Application for Certificate: | 6/2027 |
|  |  |  |
| 6. | Construction to Commence: | 1/2028 |
|  | Commercial Operation: | 12/2029 |
|  |  |  |
| 7. | Capital Investment: | $1,500,000 |
|  |  |  |
| 8. | Substations: | none |
|  |  |  |
| 9. | Supporting Structures: | steel poles |
|  |  |  |
| 10. | Participation with other Utilities: | DEO – 100% |
|  |  |  |
| 11. | Purpose of the planned transmission line: | Loop DEO-5483 through Socialville Substation to eliminate overload and/or low voltage conditions  for various contingencies. |
|  |  |  |
| 12. | Consequences of Line Construction deferment or Termination: | Overload and/or low voltage conditions continue to result for various contingencies. |
|  |  |  |
| 13. | Miscellaneous: | Area to be served is primarily southwestern Warren  County.  PJM Project No.: s1992 |