

# CONSTRUCTION NOTICE

## Carroll County Energy Natural Gas Pipeline Interconnection

Ohio Power Siting Board Case No. 13-2425-GA-BNR

December 30, 2013

Prepared for:



**Carroll County Energy LLC**

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**Construction Notice**  
**Carroll County Energy – Natural Gas Pipeline Interconnection**  
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Attachment A – Maps

Attachment B – Notified Officials

**Construction Notice**  
**Carroll County Energy – Natural Gas Pipeline Interconnection**

In accordance with Ohio Administrative Code Section 4901-11-02, Construction Notice, Carroll County Energy LLC (CCE) submits the following information:

**4906-11-02 (B) PROJECT INFORMATION**

***4906-11-02 (B) (1) Project Name***

The Applicant is Carroll County Energy LLC. The name of the project is the Carroll County Energy Natural Gas Pipeline Interconnection (CCE Natural Gas Interconnection).

***4906-11-02 (B) (2) Brief Description of Project***

Carroll County Energy is a proposed state-of-the-art combined-cycle natural gas turbine electric generating facility (the Facility) with a nominal net output of 742 megawatts (full duct fired operation with inlet air cooling at 59 degrees Fahrenheit ambient temperature) in Washington Township, Carroll County, Ohio.

The CCE Natural Gas Interconnection will extend from the Facility to a point of interconnection (POI) at the existing Tennessee Gas Pipeline (TGP) high-pressure gas pipeline corridor, located approximately 0.7 mile to the north of the Facility. The existing TGP corridor has three gas pipelines: two 26-inch pipelines and a 36-inch pipeline. The CCE Natural Gas Interconnection will consist of approximately 3,500 feet of 10-inch diameter pipeline and ancillary facilities. The ancillary facilities will include a metering station that will house electronic gas measurement equipment, gas quality measurement equipment, communications and required corrosion control equipment. Approximately 75 feet to the northwest of the metering station, a tap will be made to interconnect into TGP Line 200-1 and TGP Line 200-4 (the TGP POI). The map provided in Attachment A (Sheet

1 of 2) illustrates the CCE Natural Gas Interconnection location and route. Other ancillary facilities include temporary work spaces and access roads, as well as one permanent access road to the metering station.

The CCE Natural Gas Interconnection meets the requirements of Ohio Administrative Code Chapter 4906-11-01, Appendix B (1)(a) which states that any proposed gas transmission line more than 9 inches in outside diameter, and designed for transporting gas at a maximum allowable operating pressure in excess of 125 pounds per square inch, and not greater than one mile in length requires the submittal of a Construction Notice. The CCE Natural Gas Interconnection is approximately 3,500 feet in length and is solely needed to meet the requirements of a specific customer (Carroll County Energy LLC).

***4906-11-02 (B) (3) Need for the Proposed Facility***

The Facility requires an interconnection to a robust natural gas supply in order to generate electricity and supply energy and capacity to the PJM<sup>1</sup> grid. The CCE Natural Gas Interconnection will connect the Facility to the TGP high-pressure system.

***4906-11-02 (B) (4) Anticipated Construction Schedule and In-Service Date***

Construction of the CCE Natural Gas Interconnection is expected to begin in February of 2015 and is scheduled to be completed, and in-service, in January 2017.

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<sup>1</sup> PJM is the regional independent transmission organization that coordinates the movement of wholesale electricity in all or parts of 13 states (including Ohio) and the District of Columbia. Its name results from its origin serving Pennsylvania (P), New Jersey (J) and Maryland (M).

***4906-11-02 (B) (5) Estimated Capital Costs***

The capital cost of the CCE Natural Gas Interconnection (in 2013 dollars) is estimated to be \$3.3 million.

***4906-11-02 (B) (6) Description of Technical Features***

The CCE Natural Gas Interconnection will supply gas to the Facility and will extend from the Facility to the POI at the existing TGP high-pressure gas pipeline corridor, located approximately 0.7 mile to the north of the Facility. The portion of the CCE Natural Gas Interconnection located within the Facility site and associated construction laydown area has been routed and designed to stay within proposed disturbance areas associated with the Facility.

The CCE Natural Gas Interconnection includes a 10-inch diameter natural gas pipeline and metering station that will extend from the Facility to the TGP POI. The steel pipeline will have cathodic protection and will operate at the same pressure as flow through the TGP pipelines, approximately 680 pounds per square inch gauge (psig). Approximately 75 feet to the northwest of the metering station, 10-inch diameter taps will be made with TGP Line 200-1 and Line 200-4 at the TGP POI to interconnect the metering station. The metering station will include electronic gas measurement equipment, gas quality measurement equipment, communications and required corrosion control equipment. The total length of the CCE Natural Gas Interconnection will be approximately 3,500 feet.

The CCE Natural Gas Interconnection pipeline connecting the Facility to the TGP POI will be constructed within a 75-foot permanent right-of-way. This right-of-way will provide the necessary work space required for pipeline construction. A temporary road will

be established within the 75-foot right-of-way to support pipeline construction; the only permanent road proposed will be access to the proposed metering station off of Route 9.

Additional temporary workspace may be utilized as appropriate to minimize the construction corridor through the impacted wetland area. CCE will minimize temporary disturbance of wetlands (with one 18 linear foot wetland crossing resulting in 400 square feet of temporary wetland impact, and one distance of 400 linear feet where approximately 450 square feet of wetland will be temporary affected). Swamp mats will be utilized during construction along with other requirements of the anticipated U.S. Army Corps of Engineers Nationwide Permit to be issued for the proposed activity.

CCE will own and operate the CCE Natural Gas Interconnection pipeline and metering station; following construction, TGP will own and operate the pipe that will extend from the metering station to the TGP POI.

***4906-11-02 (B) (7) Area Map***

Attachment A (Sheet 2 of 2) provides mapping prepared at a scale of not less than 1:24,000 feet to show the location of the CCE Natural Gas Interconnection. Included on the map is the proposed pipeline centerline, as well as clearly marked streets, roads, and highways; additional details regarding proposed work areas and ancillary facilities are also shown. The CCE Natural Gas Interconnection is located in Washington Township, Carroll County, Ohio, approximately 2.5 miles north of the Village of Carrollton. All CCE Natural Gas Interconnection activities will be east of Route 9 as the proposed CCE Natural Gas Interconnection extends from the Facility to the TGP POI at the existing TGP natural gas pipeline corridor.

To visit the proposed CCE Natural Gas Interconnection, the following directions can be utilized: From Columbus, take Interstate 70 East to Exit 180B for Interstate 77 North to Exit 81

Route 39 East toward Route 250 East/New Philadelphia for 0.4 mile. Turn right onto Route 39 East/West High Avenue for 2 miles. Turn left on to Route 39 East/Beaver Avenue NE for 16.9 miles. Turn right on to Route 39 East/West Main Street for 7.9 miles. Turn left on to Route 9/North Lisbon Street for 2.8 miles to reach the intersection of Route 9 (Kensington Road NE) and Route 171 (Cobbler Road NE). The location of the CCE Natural Gas Interconnection will be to the southeast of the intersection of Route 9 and Route 171.

***4906-11-02 (B) (8) Right-of-Way and Land Requirements***

The CCE Natural Gas Interconnection will be constructed on two landowner's properties. The southern portion of the CCE Natural Gas Interconnection will traverse land owned by the Jenkins Family. The northern portion of the CCE Natural Gas Interconnection will traverse land owned by the Carroll County Community Improvement Corporation (Carroll County CIC). The Jenkins family and Carroll County CIC have granted option agreements for purchase of land rights necessary for CCE to construct and operate the CCE Natural Gas Interconnection. No other land rights will be required.

**4906-11-02 (C)            LOCAL OFFICIALS TO BE NOTIFIED**

Copies of this Construction Notice have been sent to the Carroll County Commissioners, the Trustees of Washington Township, the Carroll County Regional Planning Director, and Carroll County Environmental Services. Copies of the cover letters are provided in Attachment B.



**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

**12/30/2013 1:52:00 PM**

**in**

**Case No(s). 13-2425-GA-BNR**

Summary: Application - Construction Notice for the Carroll County Energy Natural Gas Pipeline Interconnection (Part 1/4, Narrative) electronically filed by Mr. Michael J. Settineri on behalf of Carroll County Energy LLC