

BEFORE THE  
NEW YORK STATE  
PUBLIC SERVICE COMMISSION

In the Matter of the Application of Central Hudson Gas & Electric Corporation For a Certificate of Environmental Compatibility and Public Need Pursuant to Article VII of the Public Service Law for the A and C Line Rebuild Project, Approximately 10.85 miles of 115 Kilovolt Transmission Lines in the Towns of Pleasant Valley, LaGrange, Wappinger, and East Fishkill, in Dutchess County

Case No.: 13-T-\_\_\_\_

CENTRAL HUDSON GAS & ELECTRIC CORPORATION  
A AND C LINE REBUILD PROJECT

EXHIBIT E-6

EFFECT ON TRANSPORTATION

## EXHIBIT E-6: EFFECT ON TRANSPORTATION

This section addresses the requirements of 16 NYCRR §88.6.

### 6.1 Introduction

Central Hudson Gas & Electric Corporation (CHG&E or the Applicant) is proposing to rebuild and reconductor the existing 115 kV A and C transmission lines (A and C Lines) located between Pleasant Valley and East Fishkill in Dutchess County, New York (the Project).

### 6.2 Airports

The existing transmission line primarily utilizes two-pole wood H-frame structures with an average above-ground height of 51 feet, and these structures are located at a distance that does not currently interfere with operations or navigation from nearby airports. There are two airports located within five miles of the proposed Project. The Dutchess County Airport is located at 263 New Hackensack Road in the Village of Wappingers Falls, approximately 1.8 miles west of the nearest structure in the Project. Sky Acres Airport is located at 30 Airway Drive in the Town of LaGrange, approximately 3.9 miles east of the nearest structure in the Project. Replacement poles are anticipated to be single pole steel structures with an average above-ground height of 64 feet. This minimal increase in height is not anticipated to interfere with airport operations or air navigation.

CHG&E will coordinate with the Dutchess County and Sky Acres Airports to confirm that the proposed Project will not interfere with their respective services. If required, CHG&E will incorporate appropriate design criteria and clearance requirements into its design and construction that are suggested as a result of this coordination. In addition, a Notice of Proposed Construction or Alteration will be submitted to the Federal Aviation Administration (FAA) to confirm that the proposed construction activities in the vicinity of the airport will not impact air navigation or airport operations.

### 6.3 Roads

The Project crosses 17 federal, state, county, or local roadways in Dutchess County. The NYSDOT map (Figure 2-1), USGS map (Figure 2-2), and aerial photography map (Figure 2-3) show the local roadway network in the vicinity of the A and C Lines. Table E-6-1 identifies the roadways crossed and provides information regarding the classification and jurisdiction of each crossing.

Starting near the intersection of Niagara Road and US 44 the C Line precedes south, crossing three roadways in the Town of Pleasant Valley. At structure C13 the line transitions into the Town of LaGrange, crossing a total of 12 roadways. From structure C13 to C57 the line runs parallel to Freedom Road until it crosses Freedom Plains

Road at structure C57. The C Line continues south to Bushwick Road, where the A Line begins and proceeds further south into the Town of Wappinger. The A Line trends southwest, turning further south after crossing Route 376 and ends in the Town of East Fishkill.

**Table E-6-1: Roadway Crossings**

Road Name	Town	Classification	Jurisdiction
Niagara Road	Pleasant Valley	Local	Local
US 44	Pleasant Valley	Primary Highway	Federal
Plass Road	Pleasant Valley	Local	Local
Rombout Road	LaGrange	Local	Local
Overlook Road	LaGrange	Local	County
Frost Hill Road*	LaGrange	Local	Local
Cramer Road	LaGrange	Local	Local
Vervalen Drive	LaGrange	Local	Local
Freedom Plains Road (NY 55)	LaGrange	Secondary Highway	State
Bushwick Road	LaGrange	Local	Local
Croft Hill Road	LaGrange	Local	Local
Old Noxon Road	LaGrange	Local	Local
Noxon Road	LaGrange	Local	County
Pine Ridge Road	LaGrange	Local	Local
Diddell Road	LaGrange	Local	Local
NY 376	Wappinger	Secondary Highway	State
Elizabeth Terrace	Wappinger	Local	Local

During construction, the ROW will be accessed at these public road crossings or through other existing access points. While using construction access points from public roads, the Applicant and their contractors will utilize industry standards and procedures for maintaining safe traffic operations. When installing transmission wires over roads, and when working at new pole locations adjacent to roads, CHG&E will adhere to standard procedures designed to minimize impacts on normal traffic flow and to limit delays and/or public inconvenience. Prior to the commencement of construction at each road crossing, CHG&E will notify the appropriate highway department of the approximate date on which work will begin. All work within state highway ROW will be in accordance with the traffic and safety standards and other requirements contained in 17 NYCRR Part 131, "Accommodation of Utilities within State Highway Rights-of-Way." In accordance to NYSDOT requirements CHG&E will submit a Utility Work Permit application for all applicable road crossings and will fully comply with the permit conditions.

Appropriate safety procedures will also be implemented to minimize the potential for injuries to workers or to the public at large. Devices to notify the public of construction (such as flag persons, signs, traffic controls, night flashers, and markers) will be used as required by the applicable safety regulations. Adequate signs, barricades, and lights will be provided and suitable guardrails or barricades will be erected and maintained around construction areas while work is in progress. No construction equipment or material will be placed in any manner or location that will obstruct highway warning or directional signs or signals. Traffic control measures will also address procedures to be implemented during conductor stringing to ensure maintenance and protection of traffic operations. In addition, the EM&CP, attached as Appendix A, contains a Maintenance and Protection of Traffic Plan.

The number of trips generated by the construction crews for transmission structure erection and conductor stringing will be minimal and short-term. Construction related traffic will consist of equipment and material deliveries to the structure sites and removal of construction debris from the ROW. Truck trips for these purposes will be minimal. Construction workers will arrive at and leave the site outside morning and evening peak travel periods. In addition, deliveries of oversized equipment will also be scheduled during off-peak hours to minimize traffic disruption.

The county and towns have standards relative to safe traffic operations and parking restrictions. These local codes, as they pertain to the Project, are presented in Exhibit 7 of this Application. To the extent stated in Exhibit 7, CHG&E will comply with the local requirements for parking and protection of traffic during construction.

#### **6.4 Pedestrian Traffic**

The A and C Lines are routed primarily through rural and residential areas characterized by large plots of agricultural and forested land intermixed with residential developments. The majority of the line is not commonly visited or accessed by the public. However, there are some areas where the ROW is directly adjacent to residential properties. As a result, proper signage will be posted and/or construction personnel will be on site in these areas to control public access during construction.

In the Town of Wappinger the A Line crosses the Dutchess Rail Trail at structures 54 and 55. Once completed the 12-mile recreational trail will run from Morgan Lake, through the Towns of LaGrange and Wappinger, ending in the Town of East Fishkill. The point at which the A line crosses the trail is currently open to non-motorized recreational users (Dutchess County, 2013). To avoid conflicts with trail users during construction, measures will be taken to dissuade trail users from entering the construction zones, particularly during conductor stringing.

## References

Dutchess County New York. 2013. *Welcome to the Dutchess County Rail Trails!* Accessed on April 4, 2013.  
Available at: <http://www.co.dutchess.ny.us/CountyGov/Departments/DPW-Parks/17043.htm>