

**REPORT ON NEED FOR TOWN  
INFRASTRUCTURE IMPROVEMENTS  
PREPARED FOR  
CONNECTICUT SITING COUNCIL**

**WIND COLEBROOK SOUTH  
COLEBROOK, CONNECTICUT**

Prepared for:



**BNE Energy**  
29 South Main Street  
Town Center, Suite 200  
West Hartford, CT 06107



**CIVIL 1**  
43 Sherman Hill Road  
Woodbury, CT 06798

**AUGUST 2011**

## **Project Description**

BNE Energy Inc. (BNE) will be developing Wind Colebrook South on approximately 80 acres on Flagg Hill Road in Colebrook, CT. The project will consist of three (3) GE 1.6 MW wind turbines. The turbines will be outfitted with 82.5 meter diameter blades and mounted on 100 meter towers. As part of the construction process, these components will need to be transported onto the project site. This report will address the adequacy of the town's infrastructure to accommodate this transport.

## **Town Infrastructure**

Flagg Hill Road is an improved, paved road and is the sole town road over which the turbine components must pass in order to reach the site. The site is approximately 1/3 of a mile south of the intersection with CT Route 44. Some temporary widening at this intersection will be required in order to accommodate the turning movements of the transport vehicles. This widening will occur on the southwest quadrant of the intersection on land owned by the Northwestern Connecticut Sportsman Association.

The horizontal and vertical geometry of Flagg Hill Road itself is gentle in nature and will not require any modifications in order to accept the transport vehicles. Similarly, the physical condition of Flagg Hill Road is very good and no improvements are anticipated in order to accept the transport vehicles.

## **Recommendations**

A pre-transport inspection shall be conducted with representatives from BNE and the Town of Colebrook to ascertain the condition of the road just prior to the commencement of construction activities. A post-construction survey shall be completed immediately following the completion of construction activities with representatives of BNE and the Town present to ascertain if there were any impacts or damage to Town infrastructure resulting from project construction. If the post-construction survey identifies any impacts or damage to Town infrastructure caused by construction activities for the Wind Colebrook South project, then BNE agrees to bring any affected infrastructure to pre-project conditions or better. No other improvements to Town infrastructure are anticipated at this time.