



EIGHT POINT WIND, LLC
115kV TRANSMISSION LINE

Case No. 18-T-_____

Exhibit 2

Location of Facilities

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Exhibit 2: Location of Facilities

Eight Point Wind, LLC (Eight Point Wind or Applicant) is planning to construct, operate and maintain the Eight Point Wind Energy Center (EPWEC), which consists of the construction of a utility scale wind energy generation project located in Steuben County, New York. This facility will be located in the Towns of Greenwood and West Union, New York. The non-Article VII portion of the EPWEC will consist of up to 31 utility scale wind turbines, approximately 14.2 miles of access roads, approximately 34.8 miles of 34.5 kilovolt (kV) collection lines, a 115-34.5 kV collection substation, one to two permanent meteorological (met) towers, and an Operations and Maintenance (O&M) building. These components are being permitted as part of the EPWEC Article 10 Application (Case No. 16-F-0062), submitted on November 28, 2017. The Applicant intends to construct, own, operate, and maintain all components of the EPWEC, except for facilities at the point of interconnection (POI), which will be maintained by the interconnecting utility.

This Article VII Application encompasses approximately 16.5 miles of new overhead 115 kV interconnection transmission line which begins at the EPWEC collection substation in Greenwood, NY and interconnects to new POI facilities within the New York State Electric and Gas Corporation (NYSEG) existing 115 kV Bennett substation in Hornellsville, New York (Project or Facility). This transmission line and its POI is collectively referred to as the Project or Project facilities.

As the transmission line is greater than 100 kV and the length exceeds 10 miles, the Applicant is seeking a Certificate of Environmental Compatibility and Public Need (Certificate) from the Public Service Commission (Commission) under Article VII of the Public Service Law (PSL) in Case 18-T-____ for the construction of the approximately 16.5 miles of 115 kV transmission line, and associated upgrades to the existing Bennett substation. This Application applies only to the Article VII portion of the Project, and does not include the EPWEC.

2.1 Transmission Line

The proposed transmission line will pass through the Towns of Greenwood, Hartsville, and Hornellsville in Steuben County, New York. The route begins at the proposed 34.5 kV collection substation located at the corner of Town Line Road and Christian Hollow Road, which is being permitted as part of the EPWEC Article 10 Application. The proposed transmission line will require installation of steel monopoles, steel 3-pole structures, wood H-frame, and wood 3-pole structures at 143 locations along the route. The majority of the line is comprised of single monopole steel structures, which limit the overall visual and land impacts. The Project ROW proceeds approximately 7.5 miles through the Town of Greenwood, 6.8 miles through the Town of Hartsville and 2.2 miles through the Town of Hornellsville. It is to be located all on private property, easement rights that have been previously acquired by the Applicant from the host landowners. The proposed ROW is shown on Figures 2-1, 2-2 and 2-3, described below.

The transmission line will terminate at new POI facilities within NYSEG's existing Bennett Substation. The Bennett Substation is located on the east side of NY-36 in the Town of Hornellsville, New York. To accommodate the generation from the EPWEC, the Project will utilize the existing pole yard south of the main substation to extend the 115 kV main strain bus and add an additional 115 kV bay for the interconnection into the 115 kV bus. A new H-frame dead-end structure will need to be built on the

west side of the substation, south of Cap Bank 1 in the existing NYSEG pole yard. This new dead-end structure is where the Project will be attached. The transmission line conductors will be owned and maintained by the Applicant. Everything else inside of the fence line will be owned, operated and maintained by NYSEG. Additional protection within the existing NYSEG pole yard is necessary to house the new protection and control equipment needed for the Project. The Applicant will be performing the engineering, design, procurement, construction, testing, and the commissioning of the aforementioned facilities at the POI.

2.2 Project Location Map

The proposed location of the Project facilities as presented in this Application are shown on Figures 2-1 and 2-2.

Figure 2-1 shows the location(s) of 1) the Project facilities, 2) where the construction of the Project facilities would necessitate permanent clearing or other changes to the topography, vegetation or man-made structures, and 3) any known geologic, historical or scenic area, park or untouched wilderness on or within three miles of the Project facilities. Figure 2-1 also identifies National Registry of Historic Places (NRHP)-listed sites (per New York State Office of Parks, Recreation, and Historic Preservation (OPRHP) online data (OPRHP, 2015)) within three miles of the Project facilities. The mapping is presented on top of New York State Department of Transportation (NYSDOT) 1:24,000 topographic quadrangles for the area within five miles of the Project.

Figure 2-2 is a 1:250,000 scale map showing 1) the location, length, and capacity of the Project facilities and of any existing facilities related to the Project, 2) the location and function of any structure to be built on, or adjacent to, the rights-of-way (ROWs), 3) the location and designation of each point of connection between an existing facility and the Project facilities, and 4) nearby, crossing or connecting ROWs or facilities of other utilities.

2.3 Aerial Location Map

Figure 2-3 includes an aerial photograph of the location of the Project facilities and adjacent areas which shows: 1) at least 1,200 feet on each side of the Project facilities, 2) areas where construction would necessitate permanent changes to vegetation, man-made structures, or topography, 3) the locations of access and maintenance routes, and 4) the location of the Project facilities. The aerial photography used is 1-foot resolution digital ortho-imagery published by the New York State GIS Program Office's (NYS GIS) Digital Ortho-imagery Program (published in March of 2015; imagery collected in April of 2014) and downloaded from the NYS GIS Clearinghouse website. The aerial photography reflects the current situation as of the date flown.