



EIGHT POINT WIND ENERGY CENTER

Case No. 16-F-0062

1001.40 Exhibit 40

Telecommunications Interconnection

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Exhibit 40: Telecommunications Interconnection

40(a) Operational/Generating Data Transmitted to NYISO

The Project's operational and generating data will be transmitted to the New York Independent System Operator (NYISO) and New York State Electric & Gas Corporation (NYSEG) via a 48 single mode fiber (SMF) optical ground wire (OPGW) (the Line) that will be attached to the approximately 16-mile generation tie line that is being permitted separately through the New York State Article VII process. The Line will start at the Project collection substation and interconnect to NYSEG's Bennett Substation and will transmit data required by NYISO including Project output, wind speed and wind direction. The Applicant is responsible for transmitting data to the POI. Thereafter it is the responsibility of the local incumbent utility (NYSEG) to pass along that data to NYISO.

40(b) Identification of Communication Methods

The Project and the Operations and Maintenance (O&M) building will have multiple communications methods including the Line as described above, a separate fiber optic telecommunications line that will be provided by Frontier Communications and wireless communications systems. The primary method of transmitting operational and generating data to NYISO and NYSEG is the Line. The secondary method of transmitting that data and the primary method of transmitting data from the Project to NextEra's national facility monitoring site in Florida is via a secure virtual private network (VPN) using the fiber optic line that will be connected to the O&M facility and the collection substation. In the unlikely event that both of those methods of communications are disrupted, the O&M facility personnel will have mobile telecommunications devices. Communications with the public, including emergency responders, will be conducted using the local fiber optic telecommunications system installed at the O&M facility, or, if that system is down, via mobile telecommunications devices.

40(c) Telecommunications System Improvements

In addition to the installing the Line as described above, the Applicant has contracted with Frontier Communications to install a new fiber optic telecommunications line from Frontier's site in Greenwood to the O&M building. That fiber line would extend outside of the Project Area approximately 1-mile and installation will be the responsibility of Frontier Communications. The Applicant is also working with NYSEG to determine the exact point of interconnection and exact facility details for interconnecting communications at the Bennett Substation. The Project is currently in the Facilities Study stage of the interconnection process and all details for communications interconnection with NYSEG will be available for submission when that process is concluded.