



Cassadaga Wind Project

Case No. 14-F-0490

1001.40 Exhibit 40

Telecommunications Interconnection

EXHIBIT 40 TELECOMMUNICATIONS INTERCONNECTION

(a) Operational Data Transmitted to NYISO

The Facility's generating operational data will be transmitted to NYISO, in this case National Grid, and would include generation data (MW output, MVAR, and any curtailment) and meteorological data (wind speed, wind direction, barometric pressure, ambient temperature, dew point, and humidity). The Facility's meter is anticipated to be located at the POI substation. From the metered location, generation data would travel along a fiber optic line hung on the generator lead line to the collection substation. At the collection substation, a T-1 line, which is a paired copper line, would be established by the local internet service provider. A similar internet service would also be provided for the O&M building. Once the collection substation and O&M building have internet service, a secure IPSEC Virtual Private Network (VPN) will be established between the collection substation and O&M building to allow for secure communication between the two buildings. .

(b) Facility Operations Communications Methods

High speed internet (T-1 or other provider) will be established at the collection substation. At that point, a secure IPSEC VPN will then be established over that line with Gridforce to provide them and others with the real time telemetry from the collection substation RTU. In addition, an IP address can be established for other necessary parties to access the telemetry as well. A T-1 line at a typical standard 1.54 MB/s, is sufficient to transmit the necessary park telemetry, data, and other information to the appropriate parties for monitoring and reporting purposes.

At the O&M building, a similar setup will be established for high speed data communications. A VoIP telecommunications network will be setup as well allowing for telecommunications to the public & first responders/emergency responders if necessary. At both the O&M and collection substation, there will be VPN's tied back to the EverPower's corporate offices for monitoring and access to the Facility.

(c) Status of Negotiations

The Regulations require a description of the status of negotiations, or a copy of agreements that have been executed, with companies or individuals for providing the communications interconnection including any restrictions or conditions of approval placed on the facility imposed by the provider. Such negotiations have not yet been initiated for the proposed Facility.