



# **TRELINA SOLAR ENERGY CENTER**

**Case No. 19-F-0336**

**1001.40 Exhibit 40**

**Telecommunications Interconnection**

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## **Exhibit 40: Telecommunications Interconnection**

This Exhibit will track the requirements of proposed Stipulation 40, dated June 19, 2020, and therefore, the requirements of 16 New York Codes, Rules and Regulations (NYCRR) § 1001.40.

### **40(a) Description of Proposed Telecommunications Interconnection**

The Project's electrical output will be transmitted to the New York Independent System Operator, Inc. (NYISO) and New York State Electric & Gas (NYSEG) via a 115 kilovolt (kV) transmission line connecting the collection substation to the Point of Interconnection (POI) switchyard. The energy generated from the photovoltaic (PV) arrays will be stepped up through 26, 3.5 MVA pad mount transformers. The collection and switching station will consist of a step-up transformer rated 53/71/89 MVA, ONAN/ONAF/ONAF, 115 /34.5/13.8 KV, wye / wye / delta buried, and a three-breaker ring bus at the Point of Interconnection ("POI") on the NYSEG Border City to Station 122 115 KV line, approximately 1 mile from Border City substation. 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. Data will also be transmitted to the Applicant's Renewables Operations & Control Center (ROCC)/Fleet Performance and Diagnostic Center (FPDC) which is responsible for the Project critical controls, responding to alarms, and other functions for the safe and reliable operation of the Project.

### **40(b) Analysis of Telecommunications Capacity**

The Applicant is currently coordinating with internet service providers to confirm service lines located within or adjacent to the Project Area. The Applicant intends to establish high speed internet for the Project from the preferred internet service provider and will coordinate with them to have the internet service provider install appropriate telecommunications equipment within the Project Area. The internet service provider will also be responsible for ensuring reliable service capacity is available and conducting any upgrades determined to be necessary at the Project. Communications with NYSEG and the public, including emergency responders, will be conducted using the anticipated telecommunications system installed at the Project, or, if that system is down, via mobile telecommunications devices.

### **40(c) Description of Negotiations and Agreements with Telecommunications Providers**

The Applicant anticipates establishing an interconnection agreement with an internet service provider; however, no formal contract has been entered into at the time of this Application. The

Project is currently in the Facilities Study stage of the interconnection process and all details for communications interconnections will be available for submission when that process is concluded.

#### **40(d) Environmental Effects of Telecommunication Interconnection**

Environmental effects, anticipated to be within the Project Area, will be minimal and temporary as a result of installation of telecommunication interconnection, typical to providing these services to other uses (such as commercial and residential). This may include minimal temporary ground disturbance if interconnection requires installation of new or replacement utility poles, or small trenches need to be dug in order to extend any existing buried telecommunication lines. Beyond installation of a pole or other small, typical telecommunications equipment, no permanent environmental or ground disturbance is anticipated.