



Ellenburg Wind Repowering Project

Matter No. 23-03033

1100-2.23 Exhibit 22

Electric and Magnetic Fields

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EXHIBIT 22 ELECTRIC AND MAGNETIC FIELDS

(a) Every Right-of-way Segment Having Unique Electric and Magnetic Field Characteristics

The Facility includes a medium voltage (34.5 kilovolt [kV]) collection system and minor upgrades to the existing Clinton 34.5 kV Ryan Collection Substation. The Facility will connect to the New York State energy grid through an existing point of interconnection at the 230 kV Ryan Substation which is owned and operated by the New York Power Authority. As such, there are no new high-voltage transmission lines proposed to be constructed for the Facility, and none of the proposed electrical collection lines from the wind turbines to the collection substation will exceed 34.5 kV; therefore, no Electric or Magnetic Field (EMF) study of right-of-way segments having unique electric and magnetic field (EMF) characteristics is required for the Facility pursuant to 16 NYCRR § 1100-2.23(a).

(b) For Each Right-of-way Segment, Base Case and Proposed Cross Sections

For the reasons stated in Section 22(a), no EMF study was conducted for the Facility. Thus, 16 NYCRR § 1100-2.23(b) is not applicable.

(c) Enhanced Aerial Photos/Drawings Showing Exact Locations of Each

For the reasons stated in Section 22(a), no EMF study was conducted for the Facility. Thus, 16 NYCRR § 1100-2.23(c) is not applicable.

(d) Electric and Magnetic Field Study

For the reasons stated in Section 22(a), no EMF study was conducted for the Facility. Thus, 16 NYCRR § 1100-2.23(d) is not applicable.