**DECOMMISSIONING AND SITE RESTORATION PLAN**

**Introduction:** In accordance with the Town of Hartsville Local Law No. 1 of 2007, entitled "Wind Energy Facilities Local Law" and the Town of Hornellsville Local Law No. 1 of 2008, entitled "Wind Energy Facilities Law of the Town of Hornellsville", a Decommissioning and Site Restoration Plan is required to guard against the remote possibility that the Project ceases to operate and the facilities are abandoned by the Project Sponsor. Should such a circumstance arise, the potential would exist for impacts from abandonment of the turbines such as aesthetic impacts and potential trespassing and safety concerns.

**Financial Security:** EC&R Northeast, LLC (hereinafter referred to as "EC&R" or the "Project Sponsor") shall provide to each Town in accordance with the requirements of its local law financial security for the decommissioning of the Project in the form of a financial instrument naming each Town as a beneficiary of the proceeds there from (such as a bond, letter of credit) or cash deposit sufficient to fund removal obligations (referred to as the "Decommissioning Fund"). The Decommissioning Fund will be in place prior to the start of construction to ensure that sufficient funds are available for removal of equipment and associated material at the end of the Project's operational life. The Decommissioning Fund shall only be utilized if the Project becomes inoperable or nonfunctional for a continuous period of one (1) year following construction of the Project and if thereafter the Project Sponsor refuses, after a request is made in writing to the Project Sponsor to conduct decommissioning and site restoration activities as required under each Town's current Local Law (see Town of Hartsville Local Law No. 1 of 2007 at Article 2, Section 8.a.x, and Town of Hornellsville Local Law No. 1 of 2008 at Article 709.07, Section A.10.

Prior to the commencement of construction, an estimate of decommissioning costs will be prepared and certified by a Professional Engineer and a re-estimate of the decommission costs will be prepared and re-certified by a Professional Engineer every five (5) years or more frequently as required by applicable local law.

In order to provide such financial assurance before the end of the useful life of the equipment, the Project Sponsor agrees to deliver to the Town prior to the start of construction of the Project a financial instrument with an aggregate initial face amount equal to the decommissioning cost estimate prepared and certified by a professional engineer in accordance with the Towns' respective local laws. Subject to such estimate and certification, the anticipated formula for calculating the estimated decommissioning cost is as follows:

Turbine and Tower Removal

(# of man hours) x (labor rate - $/hour) = $X

Equipment (# of days in use) x (daily rate) = $X

Total = $X

Concrete Foundation Removal

(# of man hours) x (labor rate - $/hour) = $X

Equipment (# of days in use) x (daily rate) = $X

Total = $X

Access Road and Buried Cable Removal

(# of man hours) x (labor rate - $/hour) = $X

Equipment (# of days in use) x (daily rate) = $X

Total = $X

Seeding and Revegetation

(# of man hours) x (labor rate - $/hour) = $X

Equipment (# of days in use) x (daily rate) = $X

Materials (cost per unit) x (# of units) = $X
(seed, mulch and topsoil)

Total = $X

Total Estimated Removal Cost Per Each Turbine = $X

Estimated Salvage Cost

Value of each Nacelle = $X

Value of each Tower Steel = $X

Total = $X

Less Estimated Salvage Cost Per Each Turbine = $X

Total Value in Escrow for Decommissioning Project = $X

**Decommissioning Plan:** Megawatt-scale wind turbine generators typically have a life expectancy of 20 to 25 years. The current trend in the wind energy industry has been to replace or "re-power" older

wind energy projects by upgrading older equipment with more efficient turbines. However, if not upgraded the turbines will be decommissioned. In general, decommissioning would consist of the following actions:

- All turbines, including the blades, nacelles and towers will be disassembled, and transported off site for reclamation and sale.
- All of the transformers will also be transported off-site for reuse or reclamation.
- All underground infrastructure at depths less than 36 inches below grade will be removed.
- All underground infrastructure at depths greater than 36 inches below finished grade (48 inches in agricultural fields), including the subsurface collection conductors, and foundations, will be abandoned in place at the Project Sponsor's discretion.
- Areas where subsurface components are removed will be graded to match adjacent contours, stabilized with an appropriate seed mix, and allowed to re-vegetate naturally,
- All road materials will be allowed to remain on-site.
- All town, county or state roads, impacted by Project decommissioning activity, if any, will be restored to original condition upon completion of decommissioning.

During decommissioning activities, the town shall have access to the site, pursuant to reasonable notice, to inspect the results of complete decommissioning. All decommissioning and restoration activities will be in accordance with all applicable federal, state, and local permits and requirements and will include the following specific activities:

- Turbine removal. Cranes and/or other machinery will be used for the disassembly and removal of the turbines. Electronic components and controls, and internal cables will be removed. The rotor and nacelle will be lowered to the ground for disassembly. The tower sections will be lowered to the ground where they will be further disassembled for transporting. The rotor, nacelle, and tower sections will either be transported whole for reconditioning and reuse or dissembled into salvageable, recyclable, or disposable components.

- Turbine foundation removal. Turbine foundations will be removed down to a level 36 inches (or as per NYSDAM guidelines in agricultural fields), below grade. The remaining excavation will be filled with clean sub-grade material, compacted to a density similar to surrounding sub-grade material, and finished with topsoil. In the event that the turbine is in an area of agricultural production, the Project Sponsor will adhere to New York State Department of Agriculture & Markets Guidelines for Agricultural Mitigation for Wind Power Projects, which will apply to all agricultural lands impacted by the project.

- Underground collection cables. All cables buried less than 36 inches (or as per NYSDAM guidelines in agricultural fields), will be removed. All cables buried deeper than 36 inches, will be kept in place if it is determined that their presence does not adversely impact land use and they do not pose a safety hazard.

- Access roads and crane pads. At the discretion of the landowner, gravel will be removed from access roads and crane pads and transported to a pre-approved disposal location. Any drainage structures will be removed and backfilled with sub-grade material (if necessary). The ground will be de-compacted (in agricultural areas only), and allowed to revegetate naturally.

- Monitoring. In accordance with the guidelines of the New York State Department of Agriculture and Markets, a monitoring and remediation period of two years immediately following the completion of any decommissioning and restoration activities in agricultural land will commence. If agriculture impacts are identified during this period, follow-up restoration efforts will be implemented.

- Substation. The Project substation is generally valuable to the local transmission owner. As per the interconnection rules of the NYISO, the Project sub-station reverts to the ownership of the transmission owner and thus the Project Sponsor does not intend to decommission the substation.

Removal of machinery, equipment, tower, and all other materials related to the Project is to be completed within one year of decommissioning.

The Decommissioning Plan set forth above shall be binding upon EC&R or any of its successors, insofar as it constitutes a mandatory permitting requirement under each Town's local law, and each permit shall run with the land and improvements comprising the Project.