



June 22, 2012

TO: Andy Novey / Canton Mountain Wind, LLC

FR: Terry DeWan / Amy Segal / TJD&A

**RE: VISUAL IMPACTS OF PROPOSED TURBINE CHANGE
CANTON WIND PROJECT**

Canton Mountain Wind, LLC (CMW) is changing its alternate turbine proposal for the Canton Mountain Wind project (Project) to use a shorter tower. The Project as originally proposed consisted of seven GE 2.75-103 wind turbines and one GE 2.75-100 turbine. On May 18, 2012, we submitted a memo that evaluated the visual impact of replacing the GE turbines with the Siemens 3.0-113 turbines with 113-meter rotors on 90-meter towers.

CMW has since decided to reduce the tower height for the Siemens turbines from 90 meters to 79.5 meters. The rotor diameter of 113 meters will remain the same. The height from base to the apex of the turbine blades on the Siemens turbines with 90-meter towers is 146.5 meters (480.5 feet). With the 79.5-meter tower the turbine has a total height of 136 meters (446.2 feet), which is 10.5 meters (34.4 feet) less than the Siemens 3.0-113 turbine on a 90 meter tower.

The reduced tower height will result in turbines approximately the same height as the originally proposed GE 2.75-103 turbines on 85 meter towers that were assessed in the Visual Impact Assessment (VIA) submitted on December 12, 2011. The Siemens turbine on the 79.5 meter tower is 0.5 meters shorter than the GE 2.75-103 turbines and 1 meter taller than the GE 2.75-100 turbine.

TJDA did not remodel the photosimulations from the three scenic resources of state or national significance (i.e., the Jay Niles Memorial Library and the North Jay Grange Store in Jay, and Forest Pond in Canton) because the relevant visual impacts of the Siemens 3.0-113 turbine on a 79.5 meter tower will be indistinguishable from the visual impacts of the GE turbines originally proposed and discussed in the VIA.

The proposed change in turbine tower height does not change our conclusions that the Project will not have an unreasonable adverse impact on scenic values and existing uses of scenic resources of state or national significance.