



Figure 4-1 Jonesfield Township – Predicted Sound Levels

#### 4.4 Vibration

Zoning Ordinance Section 612(l), Other Requirements 3, requires a WTG Project to not cause human-detectable vibrations at a project boundary. Acoustical characteristics were evaluated in terms of low frequency sound emissions. The WTG Project sound emissions are expected to result in low frequency sound levels that do not exceed published guidelines related to building vibration. The WTG tower models proposed for installation in Jonesfield Township are not expected to produce human-detectable vibrations at the WTG Project boundary and therefore will comply with this requirement.

#### 4.5 Minimum Ground Clearance

Zoning Ordinance Section 612(l), Other Requirements 4, requires a minimum of 20 feet of clearance between grade and the WTG tower blade point. Per manufacturer specifications, the GE WTG tower model proposed for installation in Jonesfield Township has a minimum ground clearance of 82 feet, and the Vestas model has a minimum ground clearance of 46 feet.