

NEW DEFINITIONS

Noise: An unwanted sound

Receptor: Place(s) that are likely to be sensitive to the exposure of the noise or vibration generated by utility scale wind energy facilities such as, but not limited to, occupied structures and buildings, parks, residential neighborhoods, or recreation areas such as parks or trails

Shadow Flicker: The effect when the blades of a wind energy system passes between the sun and an observer, casting a readily observable, moving shadow on the observer and his/her immediate environment.

Substation: Any facility designed to provide switching, voltage transformation or voltage control required for the transmission of electricity at 115kV or greater.

Transmission lines: Those electrical lines and appurtenant facilities which meet all of the following criteria:

1. Either a series of three (3) or more structures and appurtenant facilities erected above ground which support one (1) or more conductors or a power line placed underground.
2. Which lines emanate from a power plant or a substation/transition site and terminate at a substation/transition site
3. Which are designed to transmit electrical voltages of 115 kV or greater.

Utility Scale Wind Energy Facility: A power plant that directly converts wind energy into usable thermal mechanical, or electrical energy, including such devices as wind energy systems and supporting structures and such directly connected equipment as generators, alternators, inverters, batteries and associated control equipment.

Utility Scale Solar Energy Facility: A power plant that directly converts solar energy into usable thermal mechanical, or electrical energy, including such devices as solar energy systems and supporting structures and such directly connected equipment as generators, alternators, inverters, batteries and associated control equipment.