Applicant's Proposed Conditions

Prevailing Wind Park, LLC, Docket No. EL18-026

27. The Project, exclusive of all unrelated background noise, shall not generate a long-term average sound pressure level (equivalent continuous sound level, Leq), as measured over a period of at least two weeks, defined by Commission staff, that includes all integer wind speeds from cut in to full power, of more than 45 dBA within 25 feet of any residence, or 50 dBA if the owner of the residence has signed a waiver or granted an easement. Applicant shall, upon Commission formal request, conduct field surveys or provide post-construction monitoring data verifying compliance with specified noise level limits using applicable American National Standards Institute (ANSI) methods. If the long-term average level exceeds 45 dBA at any residence, or 50 dBA where the owner of the residence has signed a waiver or easement, then the Applicant shall take whatever steps are necessary in accordance with prudent operating standards to rectify the situation. Sound monitoring will not be repeated in a representative area during any five-year period unless operational or maintenance changes result in a reasonable assumption of higher turbine sound levels.

29. Not less than 30 days prior to commencement of construction work in the field for the Project, Applicant will provide to Commission staff the following information:

    a. the most current preconstruction design, layout, turbine model, and plans;

    b. a sound level analysis showing compliance with the applicable sound level requirements;

    c. a shadow flicker analysis showing the anticipated shadow flicker levels will not exceed 30 hours per year and/or 30 minutes per day at any non-participating residence and an affidavit from the Applicant identifying the turbine numbers that will be operationally controlled in order to meet the shadow flicker requirements;

    d. such additional Project preconstruction information as Commission staff requests; and

    e. should Applicant decide at a later point to use a different turbine model, it shall provide the information required in parts a-d above.