



Eastern Kern

Air Pollution Control District

Glen E. Stephens, P.E.
Air Pollution Control Officer

The Eastern Kern Air Pollution Control District (District) has determined Commercial Solar Power Generation Facilities (Commercial Solar) produce anthropogenic fugitive dust emissions (PM₁₀) caused by land clearing, scrapping, grading, and on-site travel of high-wind regions of the District.

Fugitive Dust Emission Control Plan

All Solar Facilities ten (10) acres and larger must submit an approvable Fugitive Dust Emission Control Plan pursuant to District Rule 402 (Fugitive Dust), Section V.D.

District Permit to Operate

Commencing March 12, 2015, **all** Commercial Solar Facilities ten (10) acres and larger must apply for, and obtain a District issued Authority to Construct (ATC)/Permit to Operate (PTO).

Fugitive Dust Emission Monitoring Plan

Due to frequent high-wind/dust events, **all** Commercial Solar Facilities must submit an air monitoring plan to the District. The District recommends each Facility install and operate at least two (2) on-site PM₁₀ air monitors. Facility benefits associated with use of PM₁₀ air monitors are as follows:

1. PM₁₀ monitoring data scientifically shows effectiveness of dust mitigation measures.
2. PM₁₀ monitoring data can be used to show compliance even during high wind events. As long as PM₁₀ concentration difference between upwind and downwind monitors is 50-µg/m³ (micrograms per cubic meter) or less, the District will not issue a Notice of Violation (NOV).
3. An Owner/Operator of a Facility may petition to cancel District PTO, given 5-years of "clean data" (upwind/downwind concentration difference is 50-µg/m³ or less {based on one-hour averages}).

Please note: PM₁₀ air monitors are not mandatory at this time.

Be advised: An alternative air monitoring plan may require utilizing persons certified in EPA Reference Method 9, Visible Emissions Evaluations (VEE).

CHECKLIST FOR COMPLETE APPLICATION PACKAGE

A complete Commercial Solar Power Generation Facility Application Package Includes:

- A. Fugitive Dust Emission Control Plan
- B. ATC/PTO Application for Solar Plant (including acreage and wattage)
- C. Fugitive Dust Emission Monitoring Plan
- D. CEQA Environmental Evaluation or EIR reference number