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# Eastern Kern

## Air Pollution Control District

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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 (PM<sub>10</sub>) 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 PM<sub>10</sub> air monitors. Facility benefits associated with use of PM<sub>10</sub> air monitors are as follows:

1. PM<sub>10</sub> monitoring data scientifically shows effectiveness of dust mitigation measures.
2. PM<sub>10</sub> monitoring data can be used to show compliance even during high wind events. As long as PM<sub>10</sub> concentration difference between upwind and downwind monitors is 50- $\mu\text{g}/\text{m}^3$  (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- $\mu\text{g}/\text{m}^3$  or less {based on one-hour averages}).

Please note: PM<sub>10</sub> 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