



**MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT**

14306 Park Avenue Victorville, CA 92392-2310  
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

**INACTIVE**

B001539

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: DECEMBER 2016**

**OWNER OF OPERATOR (Co.#248)**

Sunray Energy, Inc  
35100 E Santa Fe Road  
Daggett, CA 92327

**EQUIPMENT LOCATION (Fac.#899)**

Sunray Energy - SEGS I  
35100 E Santa Fe Road  
Daggett, CA 92327

**Description:**

INDEPENDENT SUPERHEATER (H-301) consisting of: Mitsubishi Industries natural gas-fired superheater, Serial No. A-585-4152, rated at 46 million Btu/hr heat input (producing maximum 147,294 lb/hr of 797 deg F steam at 583 psi). Exhausts through Economizer (CC001).

**CONDITIONS:**

1. The total consumption of natural gas to fire equipment associated with the generation of electric power at SEGS I and SEGS II shall not exceed 11,789,500 therms per year, calculated on a rolling 12 month basis.
2. This superheater shall be equipped with a low NOx burner and shall emit no more than 68.5 lb of NOx per million cu ft of natural gas consumed.
3. Operation of this equipment with an alternate fuel, without prior approval of the District, is prohibited.
4. This equipment does not require a regularly scheduled emissions compliance test. However, emissions compliance testing may be required at the discretion of the District.
5. The owner/operator (o/o) is required to comply with a District-approved Monitoring Plan for the monitoring and recordkeeping of natural gas consumption and hours of operation, including reporting format and schedule. Recording power meters, or meters approved as equivalent by the District, shall be certified, and re-certified, in accordance with gas provider schedules for the same or equivalent

Fee Schedule: 2 (e)

Rating: 46000000 Btu

SIC: 4911

SCC: 10100602

Location/UTM(Km):  
515E/3858N

This permit does not authorize the emission of air contaminants in excess of those allowed by law, including Division 26 of the Health and Safety Code of the State of California and the Rules and Regulations of the District. This permit cannot be construed as permission to violate existing laws, ordinances, statutes or regulations of this or other governmental agencies. This permit must be renewed by the expiration date above. If billing for renewal fee required by Rule 301(c) is not received by expiration date above, please contact the District.

Sunray Energy, Inc  
PO Box 338  
Daggett, CA 92327

By: **COPY**  
Eldon Heaston  
Air Pollution Control Officer

meters.

6. The o/o shall maintain current and on-site for a minimum of two (2) years a daily operations log, which shall be provided to District personnel upon request. Said operations log shall include at least the following information:

- a. Hours of operation/day;
- b. Dates of routine maintenance;
- c. Date and nature of major repairs and/or replacements;
- d. Natural gas usage (daily, monthly and annually); and
- e. Amount of HTF added to system.

7. The combined emissions from SEGS I and SEGS II shall be less than the following limits:

- a. 8 tons per year of any single HAP or 20 tons per year of any combination of HAPs on a 12 month calendar year basis
- b. 15 tons of PM10 on a 12 month calendar year basis
- c. 20 tons of NOx on a 12 month calendar year basis
- d. 20 tons of VOC on a 12 month calendar year basis

Compliance with this limit shall be verified with monthly facility emission summaries and an annual emissions inventory. Monthly emissions summaries shall be calculated using a District-approved method, with at least the last two years of monthly emissions summaries maintained and available to be provided to District, State or Federal personnel upon request. The facility must also submit an accurate emissions inventory data to the District, in a format approved by the District, on a yearly basis, which is to be received by the District no later than April 30 of each year.