



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

PERMIT TO OPERATE

B005278

Operation under this permit must be conducted in compliance with all information included with the initial application, initial permit condition, and conditions contained herein. The equipment must be maintained and kept in good operating condition at all times. This Permit to Operate or copy must be posted on or within 8 meters of equipment. If a copy is posted, the original must be maintained on site, available for inspection at all times.

EXPIRES LAST DAY OF: JUNE 2026

OWNER OF OPERATOR (Co.#1047)

High Desert Power Project, LLC
19000 Perimeter Road
Victorville, CA 92394

EQUIPMENT LOCATION (Fac.#1849)

High Desert Power Project
19000 Perimeter Road
Victorville, CA 92394

Description:

COOLING TOWER consisting of: A GEA Integrated Cooling Technologies, Inc. cooling tower, Serial Number 544246-12B-WCF, with related water circulation, treatment and handling equipment, and air circulation equipment.

EQUIPMENT

Capacity	Equipment Description
2400	Twelve 200 hp Cooling Cell Fans
4800	Two 2400 hp Water Circulation Pumps

CONDITIONS:

1. Operation of this equipment shall be conducted in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
[District Rules 1302(B)(1)(a) and 1303]

2. This equipment shall be operated and maintained in strict accord with the recommendations of its manufacturer or supplier and/or sound engineering principles.
[District Rule 1302(B)(1)(a)]

Fee Schedule: 1 (d)

Rating: 7200 bhp

SIC: 4911

SCC: 38500101

Location/UTM(Km):
473E/3820N

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.

High Desert Power Project, LLC
ATTN: Accounts Payable

Victorville, CA 92394

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

3. The drift rate shall not exceed 0.0006 percent with a maximum circulation rate of 218,000 gallons per minute. The maximum hourly PM10 emission rate shall not exceed 1.2 pounds per hour, as calculated per the written District-approved protocol.
[District Rule 1303(A)]

4. The owner/operator (o/o) shall operate a circulating water monitoring system which continuously measures the specific conductivity of the circulating water and records the hourly average electronically. The operator shall maintain an electronic log containing the hourly average specific conductivity readings, the average hourly circulating water flow rate, and the resulting average PM10 emission rate (calculated on a weekly basis). This log shall be maintained on site for a minimum of five (5) years and shall be provided to District personnel on request.
[District Rule 1303(A)]

5. The owner/operator shall calculate PM10 emissions in accordance with a District-approved monitoring and emissions calculation protocol. The owner/operator shall provide a written calculation protocol for District review and approval.
[District Rule 1302(B)(1)(a)]

6. A maintenance procedure shall be established that states how often and what procedures will be used to ensure the integrity of the drift eliminators. This procedure is to be kept on-site and available to District personnel on request.[District Rule 1303(A)]

7. A facility wide Comprehensive Emission Inventory (CEI) for all emitted criteria and toxic air pollutants must be submitted to the District, in a format approved by the District, upon District request.
[District Rule 107(b); H&S Code 39607 & 44341-44342; and 40 CFR 51, Subpart A]