



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B009348

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JANUARY 2017

OWNER OF OPERATOR (Co.#2733)

NextEra Energy Capital Holdings, Inc.
700 Universe Blvd.
Juno Beach, FL 33408

EQUIPMENT LOCATION (Fac.#941)

Resurgence Solar & BESS
41100 Highway 395
Boron, CA 93516

Description:

LOW-USE PORTABLE IC ENGINE, DIESEL GENERATOR consisting of:

One John Deere, Diesel fired internal combustion engine Model No. 4039 and Serial No. CD4039D365756, producing 66 bhp with 4 cylinders at 1800 rpm while consuming a maximum of 4.0 gal/hr. This equipment powers a Kohler Generator Model No. 397831 and Serial No. 20R0ZJ, rated at 22kW.

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles, which produce the minimum emissions of contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.
2. This diesel ICE and its associated equipment cannot be operated at the same footprint (spot) for more than 365 consecutive days. (This system must be moved within this facility or moved to another facility annually.)
3. This unit shall only be fired on diesel fuel whose sulfur concentration is less than or equal to 0.05% on a weight per weight basis, until September 1, 2006 when the sulfur concentration shall be 0.0015% or 15 ppm per CARB Diesel or equivalent requirements. (Title 17 CCR Section 93116.3(a))
4. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.

Fee Schedule: 1 (b)

Rating: 66 bhp

SIC: 4911

SCC: 20100102

Location/UTM(Km):
450E/3874N

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.

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

5. The o/o shall maintain a operations log for this unit current and on-site (or at a central location) for a minimum of three (3) years, and this log shall be provided to District, State and Federal personnel upon request. The log shall include, at a minimum, the information specified below:

- a. Date of each use and duration of each use (in hours);
- b. Reason for use (testing & maintenance, emergency, required emission testing);
- c. Calendar year operation in terms of fuel consumption (in gallons) and total hours; and,
- d. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log). [40 CFR \S63.6655(f); Title 17 CCR 93116; Rule 204]

6. This unit shall not operate more than a total of 80 hours in any calendar year.
[Title 17 CCR \S93116.3 (b)(1)(B)]

7. This low-use portable diesel-fueled engine (operates 80 hours or less per calendar year) shall be removed from service or replaced no later than January 1, 2017. The replacement engine shall be certified to the most stringent of either the federal or California emission standards for the appropriate class and category of nonroad engine in effect at the time of replacement. Prior to replacing engine a District approved ATC must be obtained. [Rule 204; Title 17 CCR \S93116(b)(1)(B)]

8. This engine shall be excluded from the fleet requirements; it is a portable diesel-fueled engines that qualifies as a low-use engines.
[Title 17 CCR \S93116(c)]

9. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Portable Compression Ignition Engines and the permit conditions cited, in the event of conflict between conditions and the referenced regulatory citation, the more stringent requirements shall govern. [Rule 204]

10. Effective January 1, 2012, the o/o or Responsible Official of a fleet electing to use electrification in determining the fleet average shall:

(a) notify the Executive Officer identifying the dates, location, duration of the project, and a description of the project that will rely on electrification instead of using portable diesel-fueled engines. The notification shall be provided prior to the start of the project; and

(b) identify each affected portable diesel-fueled engine, including: make, model, serial number, year of manufacture for each engine, emission factor (g/bhp-hr) and district permit or State/district registration number; and

(c) shall clearly identify the electrification activity, including indicating the amount of electricity used and the time period for the project; and

(d) shall retain copies of contracts or other documentation, with the project proponent and/or applicable utility, supporting the use of grid power. [Rule 204]