DOCKET
07-AFC-8
DATE JAN 0 9 2008
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AUTHORITY TO CONSTRUCT

AN AUTHORITY TO CONSTRUCT IS GRANTED AS OF: January 9, 2008

TO:
Legal Owner or Operator

Ausra CA II, LLC, dba Carrizo Energy LLC
2585 East Bayshore Road
Palo Alto, CA 94303

FOR: One (1) Clark Model JW6H-UF40 emergency backup fire water pump powered by a diesel fueled, 300 hp, John Deere Model 6081H engine, EPA Tier II .

Location: Carrizo Energy Solar Farm - Carrizo Energy Solar Farm

Conditions:

1. The Air Pollution Control Officer (APCO) shall be notified in writing no later than three (3) business days prior to initial operation of this equipment This Authority to Construct shall then serve as a temporary Permit to Operate for a period not to exceed three (3) months from the start-up date. The APCO shall be notified if the start-up is delayed.

2. Fire Pump Engine Non-Emergency Operation

   a. Non-emergency operation of the fire pump engines shall not exceed the number of hours necessary to comply with the testing requirements of National Fire Protection Association (NFPA) 25 - Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems (the number of necessary hours is nominally 30 hours per year). Proof of operating requirements for the fire pump engines shall be maintained onsite. Operation for emissions testing required by the District shall not be limited by this condition.

   b. The Air Pollution Control Officer (APCO) shall be notified in writing within seven (7) days of exceeding the yearly non-emergency operation limit.

   c. An emergency is defined as a fire that requires the use of the fire suppression system.

3. Only diesel fuel that meets the California Air Resources Board's specifications for on-road use shall be used to fuel the engine(s) unless otherwise approved by the APCO. Records of the fuel purchases shall be maintained and include a fuel specification sheet that shows compliance with this condition.

4. Visible emissions from the engine shall not exceed Ringlemann No. ½ or ten percent (10%) opacity for periods aggregating more than three (3) minutes in any hour.

5. A non-resettable hour meter for each engine shall be installed and maintained unless an APCO approved alternative tracking procedure is approved.

PROOF OF SERVICE (REVISED 2/5/08) FILED WITH
ORIGINAL MAILED FROM SACRAMENTO ON 5/13/08
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CONDITIONS *(continued):*

6. An operating log for the current calendar year shall be maintained for each engine on a monthly basis. Entries shall also be made for any day that the engine is operated and for any day that the engine receives fuel. The logs shall be retained for at least three (3) years and shall include the following data:

    a. Operating mode: emergency, maintenance, or District required testing
    b. Engine hour meter reading at start-up,
    c. Engine hour reading at shutdown,
    d. Operating hours for the calendar day,
    e. Running total calendar year to date operating hours,
    f. Running total calendar year to date operating hours in maintenance mode,
    g. Running total calendar year to date operating hours in emergency mode,
    h. Estimated fuel use for the day in gallons,
    i. Running total calendar year to date fuel use in gallons,
    j. Fuel purchased in gallons, and
    k. Total costs of any engine repair or reconstruction, excluding consumable items associated with standard maintenance activities.

7. Within fourteen (14) days of a request, the following information shall be submitted to the APCO for the previous calendar year:

    a. maintenance operating hours,
    b. emergency operating hours,
    c. District required testing operating hours,
    d. total engine operating hours,
    e. total fuel usage,
    f. copies of all fuel purchase records, and
    g. total cost of engine repairs to date for each engine.

8. The APCO shall be notified prior to the repair or reconstruction of any diesel engine under permit. Consumable items used for regular maintenance, such as filters, hoses, belts, fluids, and glow plugs, are not considered repairs. In addition, replacement parts costing less than $100.00 can be omitted from this requirement. This condition is a result of a state regulation on rebuilds or repairs. Extensive repairs could trigger lower allowable emission rates. If lower emission rates apply, they may not be achievable with a simple rebuild.

9. This equipment shall be operated and maintained in accordance with the manufacturer's recommendations and the information presented in the application under which this permit was issued.

10. If the APCO determines that the operation of this equipment is causing a public nuisance, the owner/operator shall take immediate action and eliminate the nuisance.

11. The APCO shall be notified in writing before any changes are made to operating procedures, equipment, or materials used which have the potential to increase the emission of any air contaminant.

CONDITIONS *(continued)*:

12. This permit is not transferable to a new owner or location without the APCO's approval. A change of ownership application shall be submitted to the APCO at least ten (10) working days prior to any change in the person or agency that is responsible for the operation of the equipment described above. An authority to construct application must be submitted and approved by the APCO prior to moving the permitted equipment to a new location.

This Authority to Construct is not a Permit to Operate. Approval or denial of the application for Permit to Operate the above equipment will be made after an inspection to determine if the equipment has been constructed in accordance with the approved plans and specifications and if the equipment can be operated in compliance with all Rules and Regulations of the San Luis Obispo County Air Pollution Control District.

*Please notify **Brian Aunger** at (805) 781-5912 or at the letterhead address when construction of equipment is complete. This Authority to Construct will expire one (1) year from the date shown, if unused.*

LARRY R. ALLEN
Air Pollution Control Officer

_____
GARY E. WILLEY
Manager, Engineering Division

Application Number: 4510

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BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION OF THE STATE OF CALIFORNIA

APPLICATION FOR CERTIFICATION *For the CARRIZO ENERGY SOLAR FARM* **PROJECT**	**Docket No. 07-AFC-8** **PROOF OF SERVICE** (Revised 2/5/2008)

INSTRUCTIONS: All parties shall either (1) send an original signed document plus 12 copies or (2) mail one original signed copy AND e-mail the document to the address for the Docket as shown below, AND (3) all parties shall also send a printed or electronic copy of the document, which includes a proof of service declaration to each of the individuals on the proof of service list shown below:

CALIFORNIA ENERGY COMMISSION
Attn: Docket No. 07-AFC-8
1516 Ninth Street, MS-14
Sacramento, CA 95814-5512
docket@energy.state.ca.us

APPLICANT

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APPLICANT CONSULTANT

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COUNSEL FOR APPLICANT

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INTERESTED AGENCIES

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770 L Street, Suite 1250
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INTERVENORS

* California Unions for Reliable Energy (CURE)
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DECLARATION OF SERVICE

I, Christina Flores, declare that on May 13, 2008, I deposited copies of the attached Authority to Construct in the United States mail at Sacramento, CA with first-class postage thereon fully prepaid and addressed to those identified on the Proof of Service list above.

OR

Transmission via electronic mail was consistent with the requirements of California Code of Regulations, title 20, sections 1209, 1209.5, and 1210. All electronic copies were sent to all those identified on the Proof of Service list above.

I declare under penalty of perjury that the foregoing is true and correct.

Christina Flores