



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
US ARMY INSTALLATION MANAGEMENT COMMAND, PACIFIC REGION
HEADQUARTERS, UNITED STATES ARMY GARRISON, HAWAII
851 WRIGHT AVENUE, WHEELER ARMY AIRFIELD
SCHOFIELD BARRACKS, HAWAII 96857-5000

0 4 JUN 2014

IMHW-ZA

MEMORANDUM FOR All Active Military Units, Directorates, Contractors, and Tenant Activities on United States Army Garrison, Hawaii (USAG-HI) Installations.

SUBJECT: Policy Memorandum USAG-HI-55, Electrical Generator Control Policy

1. References.

a. Army Regulation 200-1, Environmental Protection and Enhancement, Para 4-1, 13 Dec 07.

b. Clean Air Act of 1970 and Amendments.

c. Environmental Protection Agency, Mandatory Greenhouse Gas Reporting Rule (GHG MRR), 74 Federal Register 56260, 30 Oct 09.

d. Hawaii Administrative Rules (HAR), Title 11, Chapter 60.1.

2. Purpose. To provide a generator policy to ensure that generators on USAG-HI are tracked by the Directorate of Public Works (DPW), Environmental Division, in order to comply with all Federal, State, and Army regulations.

3. Applicability. This policy memorandum applies to all active military units, Directorates, contractors, and tenant activities that purchase, install, operate, or maintain generators on USAG-HI installations.

4. This policy memorandum requires the use of the *Generator Inventory Sheet* (enclosure 1).

5. The *Generator Fact Sheet* (enclosure 2) provides a summary of generator information related to this policy, and can also be found on the Garrison's Sustainability and Environmental Management website at <http://www.garrison.hawaii.army.mil/sustainability/AtoZ.aspx>.

6. Command Policy.

a. Generators. Generators must be tracked by the DPW Environmental Division to be included on the USAG-HI air emissions inventory. Failure to track these emissions can result in fines of up to \$37,500 per day per violation.

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b. It shall be the responsibility of all active military units, Directorates, contractors, and tenant activities to:

(1) List all generators on the *Generator Inventory Sheet* prescribed by this policy memorandum and provide one copy to the DPW Environmental Division. The inventory shall be updated annually and submitted to the DPW, Environmental Division not later than February 1 of each calendar year.

(2) Contact DPW, Environmental Division during the project planning stage prior to the purchase of any generator. In accordance with the HAR and the State of Hawaii, Department of Health, Clean Air Branch, an evaluation for permitting purposes will need to be made by the DPW, Environmental Division to avoid delays in generator use or operation.

7. This policy supersedes Policy Memorandum USAG-HI-55, SAB, dated 7 Sep 12 and shall remain in effect until cancelled or superseded in writing.

8. Proponent. The USAG-HI DPW, Environmental Division is the proponent for this policy memorandum. For additional information on this policy or assistance with any air related matters please contact the DPW Clean Air Act program staff at (808) 656-4701 or (808) 656-2878.

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RICHARD A. FROMM
COL, AD
Commanding

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Generator Inventory

Contact Information	Name	Phone
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Unit/Owner:
ECCO/Contact

Installation	Location	Equipment Usage	Operational Hours	Engine Plate Info	Engine Rating (kW/HP)	Fuel
Schofield Barracks	Bldg. No. 1604	Equipment Type Emergencies	Estimated hours/month 2	Engine Model Number CP93827	15KW	Type Used Ultra Low Sulfur Diesel
	Building, Serviced 3605 East Range	Comments	Manufacturer Caterpillar	Manufacture Date 2005		

Generators

GENERAL INFORMATION

Generators are utilized on the Army Garrison-HI to combust fuel and provide electricity during emergencies and temporary events (i.e. power outages, maintenance testing, training exercises, etc.).

POTENTIAL HAZARDS

The exhaust emitted by generators contains hazardous air pollutants that can cause respiratory damage and even lead to cancer.

These air emissions also contain greenhouse gases such as carbon dioxide, which is a known cause of global warming.



LEGAL REQUIREMENTS

As part of the Clean Air Act, the State of Hawaii requires the Garrison to carry two air permits which also encompass generator air emissions.

In order to remain in compliance with our permits and the Army Generator Control Policy, DPW-Environmental must maintain an accurate inventory of all generators on the installation and the activities associated with each one.

If a unit, Directorate, tenant, or contractor is about to purchase a new generator, or plans to begin utilizing an existing one for prime power, the DPW-Environmental Division must be notified for permit evaluation in order to avoid potential fines from the State.



PENALTIES AND VIOLATIONS

USAG-HI is inspected for permit compliance annually by a representative of the Clean Air Branch, and could be audited at any time by the EPA.

Facilities found in violation of the Clean Air Act concerning illegal emissions may be fined upwards to \$250,000 per day per violation.

