

Department of Transportation and Communications  
**PUNONGHIMPILAN TANOD BAYBAYIN NG PILIPINAS**  
Headquarters Philippine Coast Guard  
139 25<sup>th</sup> St, Port Area  
Manila

12 October 2007

O/DCS-LOGEN

**C I R C U L A R**  
NUMBER 05-07

**MEASURES TO ENHANCE ENERGY CONSERVATION**

**I. REFERENCE:**

- a. OP-Administrative Order Nr 126 dated 13 August 2005 with subject "Strengthening Measures To Address The Extraordinary Increase In World Oil Prices, Directing The Enhanced Energy Conservation Program, And For Other Purposes"
- b. OP- Administrative Order Nr 183 dated 09 July 2007 with subject "Directing The Use Of Energy Efficient Lighting System In Government Facilities"

**II. PURPOSE**

To prescribe policies for the judicious conservation and efficient utilization of fuel , electricity , water and other utilities to reduce the consumption costs and other utility bills of the Command.

**III. SCOPE AND APPLICABILITY**

This circular applies to all PCG units and offices.

**IV. POLICIES**

a. Electricity

1. All units shall adopt the use of energy efficient lighting/ lighting systems (EELs) in all its offices and facilities i.e use of fluorescent lights instead of incandescent bulbs.
2. Where adequate ventilation is available, all PCG units and offices shall discontinue the use of all air-conditioning facilities, especially during the cooler months from August to February. Opening of windows or the use of electric fan is highly encouraged. In cases where air-conditioning are to be used, they shall be switched on not earlier than 9:00 am and switched off not later than 4:00 pm. During lunch break, the air-conditioning shall be switched on "FAN" mode.
3. The use of electric stove for cooking is strictly prohibited.

4. All unnecessary lights, computer and other electronic equipment shall be turned off when not in use.

b. Water

1. All units shall endeavor to inspect and repair leaks in their existing water system pipeline.
2. The use of water basin when washing dishes is encouraged to prevent continuous flow of water when not in use.
3. The use of pails and dippers instead of hoses are encouraged in cleaning vehicles and other similar activities.

c. POL

1. When in port, All PCG Vessels and small craft shall use shore power connection whenever possible.
2. All PCG units are prohibited from using PCG vehicles, aircraft and watercraft for purposes other than official business.
3. All PCG units shall limit the use of PCG vehicles to essential activities and shall review their travel program and schedules to minimize unnecessary trips. Car pooling among PCG users is encouraged.

V. RESPONSIBILITIES

a. PCG Unit Commanders

1. Shall designate their respective Unit/ Facility Energy Conservation (ENERCON) Officer as appropriate.
2. Shall ensure the strict implementation of this circular.
3. Shall adopt other austerity measures including the reduction of at least ten percent (10%) in the cost of consumption of fuel, electricity and other utilities.

b. HPCG Deputy Chief of Staff for Logistics and Engineering(DCS LOGEN)

1. Shall be designated as the PCG Energy Conservation (ENERCON) Officer.
2. Shall ensure the strict implementation of the Command's Energy Conservation Program.

c. Unit/ Facility Energy Conservation Officer

1. Shall be responsible for the implementation and development of their energy conservation measures and submit a report of compliance every 15<sup>th</sup> day of the month to CPCG (Attn: DCS: LOGEN).
2. Shall formulate a phase-in lighting replacement system in their respective existing facilities within one month from the effectivity of this circular.

d. Individual

1. Shall observe the energy conservation measures implemented by the Command.
2. May recommend to respective ENERCON Officers other energy conservation measures identified not covered by this circular.
3. Shall report breaches and violations for proper disposition.

VI. EFFECTIVITY

This circular shall take effect upon publication.

**BY COMMAND OF VICE ADMIRAL ABINOJA:**

OFFICIAL:

**WILLIAM M MELAD**  
CAPT PCG(GSC)  
Chief of Coast Guard Staff

  
**MITZIE SILVA CAMPO**  
LTJG PCG  
Coast Guard Adjutant





Republic of the Philippines  
DEPARTMENT OF TRANSPORTATION AND COMMUNICATIONS

July 19, 2007

MEMORANDUM CIRCULAR: 2007-62

For : Undersecretaries  
Assistant Secretaries  
Heads of Sectoral Offices/ Attachees  
and Corporations  
Head Executive Assistant  
Service Directors  
RMC Chairmen  
Division Chiefs  
This Department

**PHILIPPINE COAST GUARD  
CHIEF OF COAST GUARD STAFF  
ROUTING SLIP**

DATE \_\_\_\_\_

From: **CCGS** CTRL#: \_\_\_\_\_

TO:

- SCGS
- DCS-HRM
- DCS-ISLEN
- DCS-OPNS
- DCS-LOG
- DCS-SPIC
- DCS-RM
- DCS-MEP
- DCS-MSS
- DCS-MCWEISS
- DCS-CRS
- CGPROC
- CGAO
- CGAC
- CO,HSG
- CGPIO
- CGIAS
- CGIA
- CGDENT
- CGMED
- CGLEGAL
- CGPWO

Appropriate Staff Action  
 Signature  
 Prepare reply for CPCG  
 Submit feedback  
 Study  
 Rewrite/Redraft  
 Comment/Recommendation  
 Reference/File

**REMARKS**

*Pls prepare circular memo to all units to support min MC. Let us send msg to all units to immediately comply with min.*

For your information and dissemination, transmitted here

| NATURE                          | DATE          |  |
|---------------------------------|---------------|--|
| OP-Administrative Order No. 183 | July 09, 2007 | "DIFFERENTIAL LIGHTING/ENERGY SAVING SYSTEMS (EEL's) IN GOVERNMENT FACILITIES (PALIT-ILAW PROGRAM)." |

*Rowena S. Quiogue*  
Rowena S. QUIOGUE  
Director III  
Administrative Service

**MALACAÑANG**  
Manila

**BY THE PRESIDENT OF THE PHILIPPINES.**

**ADMINISTRATIVE ORDER No. 183**

**DIRECTING THE USE OF ENERGY EFFICIENT LIGHTING/LIGHTING SYSTEMS (EELs) IN GOVERNMENT FACILITIES (*PALIT-ILAW Program*)**

**WHEREAS**, under Section 2 of R.A. No. 7638, otherwise known as the "Department of Energy Act of 1992", it is declared the policy of the State to ensure a continuous, adequate, reliable, and economic supply of energy through, among others, the judicious conservation, renewal and efficient utilization of energy, to keep pace with the country's growth and economic development and to rationalize, integrate, and coordinate the various programs of the Government towards self-sufficiency and enhanced productivity in power energy without sacrificing ecological concerns;

**WHEREAS**, the conservation and efficient utilization of energy is one of the major strategies of the Government to realize energy self-sufficiency and reduce environmental impacts of energy generation and utilization as instituted in the Philippine Energy Plan (PEP) and the National Energy Efficiency and Conservation Program (NEECP);

**WHEREAS**, Administrative Order Nos. 103, 110 and 126 mandate a ten per cent (10%) reduction in energy consumption in all government offices, including the designation of an Energy Conservation Officer;

**WHEREAS**, the use of energy efficient lighting systems (EELs), through the *Palit-Ilaw* Program, aims to promote lighting efficiency considering that lighting is used by all government facilities and EELs are the easiest to install/retrofit among other energy efficient equipment and fixtures;

**WHEREAS**, the adoption of EELs as a standard lighting system in government facilities will contribute to the realization of energy savings as well as pollution prevention and overall environmental improvement.

**NOW, THEREFORE, I, GLORIA MACAPAGAL-ARROYO**, President of the Republic of the Philippines, by virtue of the powers vested in me by law, do hereby order the adoption of energy efficient lighting/lighting systems in government.

**SECTION 1. Mandatory Use of EELs.** All departments, bureaus, offices, agencies and instrumentalities of the Philippine Government, including National Government Agencies, State Universities and Colleges, Government Owned and Controlled Corporations, Government Financial Institutions, and other Government Entities are hereby mandated to use EELs in all buildings and





facilities, as well as in all projects financed by the Government, such as housing and school building projects.

- 1.1 The Energy Conservation Officer (ECO) of each government entity/agency shall, within one month from the effectivity of this Administrative Order, formulate a phased-in lighting replacement program in their respective existing facilities to be submitted to the DOE; unless the concerned government entity/agency already uses EELs in which case it shall submit a compliance report to the DOE. The phased-in lighting replacement program shall be implemented within one year from the effectivity of this Administrative Order.

**SEC. 2. Cooperating Agencies.** The Department of Energy (DOE), through the Energy Utilization Management Bureau (EUMB), shall take the lead in implementing this Administrative Order and shall take appropriate measures and necessary actions to ensure compliance with the same. The DOE shall be supported by the following government agencies and other agencies as may later be identified:

- 2.1 The Department of Trade and Industry (DTI) shall provide complementary policies and activities to ensure that lighting products meet the specifications under the Philippine National Standards (PNS) as well as applicable Minimum Energy Performance Standards (MEPS) for consumer protection.
- 2.2 The Department of Budget and Management (DBM) shall facilitate the approval of necessary funds for the implementation of this Administrative Order and, through the Government Policy and Procurement Board (GPPB) and Procurement Services, allow only energy efficient lighting products for government procurement, with exceptions provided for under the Guidelines for Energy Conserving Design of Buildings.
- 2.3 The Department of Environment and Natural Resources (DENR), through the Environmental Management Bureau (EMB), shall promulgate/implement policies consistent with proper lamp waste management.
- 2.4 The Department of Public Works and Highways (DPWH) shall integrate the use of EELs in planning and development for government buildings/facilities and other infrastructure development projects.
- 2.5 The Department of the Interior and Local Government (DILG), pursuant to its general supervision over the local government units (LGUs), shall strongly encourage the LGUs to contribute to the objective of this Administrative Order by using EELs in their facilities.





**Malacañang**  
**Manila**

**BY THE PRESIDENT OF THE PHILIPPINES**

**ADMINISTRATIVE ORDER NO. 126**

**STRENGTHENING MEASURES TO ADDRESS THE EXTRAORDINARY INCREASE IN WORLD OIL PRICES, DIRECTING THE ENHANCED IMPLEMENTATION OF THE GOVERNMENT'S ENERGY CONSERVATION PROGRAM, AND FOR OTHER PURPOSES**

**WHEREAS**, pursuant to Republic Act No. 7638, it is declared the policy of the State to ensure a continuous, adequate, reliable and economic supply of energy through the judicious conservation, renewal and efficient utilization of energy, to keep pace with the country's growth and economic development;

**WHEREAS**, the continuous rise in the prices of oil in the world market has drastically affected the prices of fuel and other domestic products in the country;

**WHEREAS**, it is imperative that measures be immediately adopted to minimize, if not forestall, any adverse effect of the world prices of oil on the country's economy;

**WHEREAS**, to cushion the effects of increasing oil prices on the domestic economy, there is a need for the government to exert efforts to promote the judicious use of our energy resources through intensified conservation efforts and efficient utilization thereof;

**WHEREAS**, on 31 August 2004, the President issued Administrative Order No. 103 (s. 2004), which, among others, required all government agencies, including government-owned and controlled corporations, government financial institutions and other government instrumentalities to adopt austerity measures, including the reduction of at least ten percent (10%) in the cost of the consumption of fuel, electricity and other utilities;

**WHEREAS**, on 25 October 2004, the President also issued Administrative Order No. 110 (s. 2004) directing the institutionalization of a Government Energy Management Program (GEMP);



POMA Hologram # 31820



**WHEREAS**, the energy conservation program of the government should also be disseminated to the public in order to create a sustained and intensive program of information and education on energy conservation measures and the efficient utilization of energy;

**NOW, THEREFORE, I, GLORIA MACAPAGAL-ARROYO**, President of the Philippines, by virtue of the powers vested in me by law, do hereby order:

**SECTION 1.** All government agencies, including government-owned and controlled corporations, government financial institutions and other government instrumentalities are hereby required to adopt additional measures to limit the use of their petroleum products supplies to essential activities properly authorized by their respective heads.

Pursuant to Administrative Order No. 103 (s. 2004) and Administrative Order No. 110 (s. 2004), all government agencies and offices are hereby mandated to adopt and implement a program that will reduce their fuel consumption for transport by ten percent (10%) of their average monthly consumption for the 1<sup>st</sup> semester of 2005.

**SECTION 2.** All government agencies and offices are prohibited from using government vehicles, aircraft and water craft for purposes other than official business: *Provided*, That in every case, the trip ticket authorizing the use of the vehicle shall be displayed on the windshield or in another conspicuous place on the vehicle: *Provided*, further, That vehicles used by intelligence and investigative agencies of the government shall not be covered by the foregoing proviso.

The use of government vehicles on Sundays, legal holidays, or out of the regular office hours or outside the route of the officials or employees authorized to use them, or by any person other than such officials or employees, shall unless properly authorized, be prima facie evidence of violation of this Section in the administrative proceeding against the officials or employees responsible for such violation.

All government agencies and offices shall limit the use of government vehicles to essential activities and shall review their travel program and schedules to minimize unnecessary trips.

**SECTION 3.** Where adequate ventilation is available, all government agencies and offices shall discontinue the use of their airconditioning facilities, especially during the cooler months from August to February.





In cases where airconditioning units are to be used, they shall be switched on not earlier than 9:00 a.m. and switched off not later than 4:00 p.m. During lunch breaks, the airconditioning units shall be switched on "FAN" mode.

**SECTION 4.** The Energy Conservation Officer (ECO) mandated under Administrative Order No. 110 (s. 2004) shall be responsible for his/her government entity's compliance with Administrative Order No. 103 (s. 2004), Administrative Order No. 110 (s. 2004) and this executive order, as well as the development and implementation of other energy conservation measures.

A report of compliance shall be submitted monthly, not later than the 15th day following the reporting month, to the Department of Energy which shall prepare and submit a summary report to the President within five (5) days after the last reporting day.

**SECTION 5.** The Department of Trade and Industry and the Department of Energy shall, in consultation with appropriate trade and industry associations, develop voluntary energy conservation programs for their respective members which shall target levels of reduction in electricity and petroleum products consumption similar to those imposed on government agencies and offices and pinpoint responsibility for monitoring and reporting of performance.

**SECTION 6.** The Department of Environment and Natural Resources shall, in coordination with appropriate law enforcement agencies, enforce strictly the smoke belching law for all vehicles. Smoke belching caused by improper vehicle maintenance results in very inefficient use of fuel not to mention its adverse impact on the environment.

**SECTION 7.** The Office of the Communications Director and the Department of Energy shall launch a nationwide information campaign on energy conservation through the media. It shall coordinate with all forms of media to ensure accurate and current dissemination of information on the oil situation, its implications and the course of actions they entail specifying the type of energy conservation measures that can be adapted at the family, community and industry levels.

**SECTION 8.** All government agencies and offices are directed to cooperate fully in this national energy conservation effort.

The other branches of the government, local government units, and the private sector are strongly urged to adopt similar measures as those provided in this Order.



PGMA Program # 31822

**SECTION 9.** The Office of the Executive Secretary shall monitor the implementation of the foregoing measures.

**SECTION 10.** This Executive Order shall take effect immediately.

DONE in the City of Manila, this 13th day of August, Two Thousand and Five.

*Gloria Arroyo*



By the President:

*Eduardo R. Ermita*  
**EDUARDO R. ERMITA**  
Executive Secretary



CERTIFIED COPY:

*Lamberto R. Barrin*  
**LAMBERTO R. BARRIN**  
Special Charge  
Malacanan Palace Office

*8/17/05*