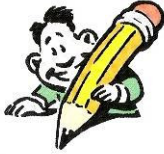


## Tips for Efficient Driving

**Plan all trips.** Plan the timing and the route of your trips such that you will avoid being caught in the "thick" of traffic. Know your regular route and always have an alternate route in mind.



**Avoid "jack-rabbit" starts.** Gradual acceleration in driving can save as much as one kilometer per liter compared to rapid acceleration.



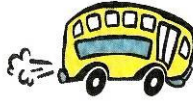
**Follow a regular preventive maintenance program to prevent major breakdowns.** A poorly maintained car can use up to 25% more fuel.



*Drivers MUST check before and after every journey:*

- Levels of engine oil, brake fluid and radiator water.
- Leakage of fuel, lubricating oils or water.
- Fan belt tension and condition.
- Tire inflation and condition.
- Freeplay of clutch and brake pedals.
- Tear/cut/crack on radiator hose.

**Keep speed down and drive at steady speeds.**



Tests conducted with popular cars have indicated a 25% improvement in fuel economy when speeds are reduced from 120 to 80 kph.

**Anticipate stops.** Tests prove that a vehicle driven at 60 kph can travel a distance of 650 Meters by a gradual halt without additional fuel consumption.



**Avoid fuel spillage.** Don't overfill the tank. Keep the fuel cap tightened to prevent fuel loss due to evaporation or spillage.



**Minimize vehicle loads.** Transporting unnecessary weight in your car will cause it to add 10% to fuel consumption.



*"Su Bawat Patak na Matitipid Mo,  
Kalusugan, Kapaligiran, Kawalanan,  
Katumbas Nito."*

For more information, please write to:



CFCERT Secretariat  
c/o Energy Efficiency Division  
Department of Energy  
Energy Center, Fort Bonifacio  
Taguig, Metro Manila

Or call at tel. nos.: 840-1401 to 21  
Loc. nos.: 201 / 205 / 214  
Direct Line: 840-2268  
Telefax: 840-22-43

Energix: 2920

Website Address: <http://www.doe.gov.ph>



DEPARTMENT OF ENERGY



COMMITTEE ON FUEL CONSERVATION  
& EFFICIENCY IN ROAD TRANSPORT



**EFFICIENT  
DRIVING TIPS**

**REGULAR NA PAG-MENTENA NG MGA KASANGKAPAN**

Para sa lahat ng mga kasangkapan, panatilihin itong malinis at walang dumi upang humalaga ang buhay nito. Dapat regular ang pag-mentena sa mga kasangkapan tulad ng paglagay ng angis upang mahusay din ang serbisyo nito.

Tantiya sa Konsumo ng Kuryente Para sa mga Kasangkapan Pang-bahay

Appliance	Nominal na Rating (watts) (A)	Gamit kada Araw (Hrs/day) (B)	Konsumo kada Buwan (kWh)* (C)
Compact Fluorescent Lamp	9 13 18 21	8 8 8 8	2.16 3.12 4.32 5.04
Fluorescent Lamp	20 36 40	8 8 8	4.8 6.94 9.6
Incandescent Bulb	25 40 60 75 100	8 8 8 8 8	8.0 9.6 14.4 18.0 24.0
Fan, Table (12") Fan, Table (14") Fan, Table (16") Ceiling Fan Stand Fan Fan, Box Type	35 55 70 75 75 50	8 8 8 8 8 8	5.4 13.2 16.8 17.28 18.0 12.0
TV Set, (B&W 12") TV Set, (B&W 14") TV Set, (B&W 16") TV Set, (B&W 20") TV Set, (Color 12") TV Set, (Color 14") TV Set, (Color 16") TV Set, (Color 18") TV Set, (Color 20") TV Set, (Color 26") TV Set, (Color 27") TV Set, (Color 29") TV Set, (Color 32") TV Set, (Color 42")	32 35 40 55 65 80 85 90 110 130 135 145 160 210	5 5 5 5 5 5 5 5 5 5 5 5 5 5	4.8 5.4 6.0 8.25 9.75 12.0 12.75 13.5 16.5 19.5 20.25 21.75 24.0 31.5

Appliance	Nominal na Rating (watts) (A)	Gamit kada Araw (Hrs/day) (B)	Konsumo kada Buwan (kWh)* (C)
Stereo, (Solid State) Stereo (Component) Stereo (Mini-Comp) Stereo (w/ VCD)	180 380 145 185	4 4 4 4	19.2 45.60 17.40 22.20
VCD Player VHS Player Oven Toaster Microwave Oven Blender Airpot Aquarium Aerator Coffee Maker Turbo Broiler	45 45 600 1000 300 600 3 600 1000	4 4 4 hrs/week 4 hrs/week 4 2 hrs/week 24 0.5 1 hr/week	5.4 5.4 9.6 16.0 72.0 2.4 2.16 9 4.0
Ref., (6 cu ft.) Ref., (7 cu ft.) Ref., (8 cu ft.) Ref., (9 cu ft.)	100 120 130 140	14 14 14 14	42.0 50.40 54.60 58.80
Washing Mach. (Automatic) Stove (6"plate) Stove (8"plate) Stove (10"plate)	585 1520 2200 2900	1 5 5 5	17.55 225.0 330.0 435.0
Water Dispenser Water Heater	500 3000	4 2	60.0 180.0
Rice Cooker (1L) Rice Cooker (1.8L) Rice Cooker (3L)	450 650 1000	2 2 2	27.0 39.0 60.0
ACU (0.5 HP) ACU (0.75 HP) ACU (1.0 HP) ACU (1.5 HP) ACU (2.0 HP) ACU (2.5 HP)	568 727 944 1252 1913 2664	8 8 8 8 8 8	136.32 174.48 228.96 300.48 459.12 639.36
Aircooler/Humidifier PC (w/ Monitor) Desk Jet Printer Scanner	65 225 175 12	8 8 4 2	15.6 54.0 21.0 0.72

Buwangang Sayad sa Kuryente = Sumang (C) x P. kWh

\*Base sa 30 araw kada buwan



**Tipid Tips sa Bahay**



You may also text in your suggestions, comments and complaints.

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DOE <space> <message>  
and then send to 2920

(for Globe and Smart subscribers only)  
Textline: (02) 840-1401 to 21  
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Check our website at:

Sa bahay o sa opisina makakatipid tayo sa paggamit ng kuryente at bayarin. Narito ang mga paraan:

**ILAW**



Palagiang linisan ang fluorescent tube. Ang dumi o alikabok ay nakakabawas ng liwanag hanggang 50 porsiyento.



Hangga't maari gumamit ng fluorescent lamp o Compact Fluorescent Lamp (CFL).



Palitan agad ang fluorescent tube o starter kung malapit nang mapundi.

**REFRIGERATOR**



Sa pagbili ng refrigerator hanapin ang Energy Efficiency Factor (EEF) label na nakadikit sa unit.

Mas mataas nga EEF, mas mahusay at mas matipid sa konsumo ng kuryente.

Huwag hayaang kumapal ng labis sa 1/2 pulgada ang yelo sa freezer.

Panatilihin malinis at walang sira ang gasket.



Panatilihin malinis ang ballad na condenser

**AIRCON**



Kung bibili ng air-conditioner, pilin ang modelo na may mataas na Energy Efficiency Ratio (EER) na makikita sa yellow label na nakadikit sa unit.

Mas mataas na EER, mas mahusay at matipid sa konsumo ng kuryente.

Itama ang kapasidad ng aircon sa laki ng kwarto na palalamigin.

Panatilihin malinis ang air filter ng aircon.



Huwag hayaang sumingaw ang lamig o pumasok ang mainit na hangin sa kwartong air-conditioned.

**PLANTSA**



Magkaroon ng bakdang araw sa isang lingo kung saan gagawin ang minsang pamamalantsa.

Matnang gawin ang pamamalantsa sa umaga kung kaian malalang panahon at maliwang.

Unahing plantsahin ang makakapal at mabibigat na damit at ihuli ang manipis upang ang natitirang init ng plantsa, matapos itain sa saksakan, ay lubos na magamit.



**STOVE**



Kung bibili ng gas range o oven pilin ang automatic (electronic) ignition system. Makakatipid sa gas ng mga 40 porsiyento at 50 porsiyento sa top burners.

Mas makakatipid kung gagamitin rating pangatlong sa pagluluto ay Liquefied Petroleum Gas o LPG kaysa sa kuryente.



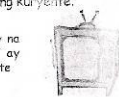
Magkaroon ng sistema sa pag-luluto.

**TELEBISYON**



I-off ang TV kung walang nanonood at itanggalin sa saksakan kung gumagamit ng transformer. Huwag babayaran ang TV sa stand-by mode dahil ito ay kumokonsumo din ng karagdagang kuryente.

Tandaan na ang sabay-sabay na paggamit ng maraming TV ay dagdag sa konsumo ng kuryente.



**BENTILADOR**



Kung kinakailangan ang hangin sa isang direksyon lang, i-lock ang oscillator kung saan kailangan ang hangin.

Panatilihin malinis at libre sa dumi at alikabok ang fan upang hindi ito madalhin.