

**TransCo**

**TransCo  
Environmentally  
friendly value chain**



**Transco**

**Programs**

- a. Electricity Conservation and Maintenance.**
- b. Maintenance and Use of Vehicles.**
- c. Water Supply Conservation and Maintenance.**
- d. Recycling and Waste Disposal.**



- e. Proper Disposal hazardous wastes**
- f. Adoption of Earth Hour.**
- g. Long Term Goal (“Green Building”).**



**Transco**

**A. Electricity  
Conservation and  
Maintenance.**

- **Use of LED lighting system in all TransCo offices ; such adoption has improved illumination using low wattage bulbs but with reduced electricity consumption;**

# LED Lighting System in all Offices



- **Replacement Program of existing conventional air conditioning units with inverter type ACU's;**



# Inverter type ACU'S



# Floor and Wall Mounted Inverter Type ACU's



# Window Inverter Type ACU



- **Installation of motion sensor switches which shut off lighting fixtures automatically when no movement is detected in two minutes;**

# **MOTION SENSOR LIGHTING DEVICES**



- **Use of light colored paints and installation of light colored flooring to lighten the walls, ceilings and floorings to reduce lighting requirements;**

# LIGHT COLORED PAINT ON WALL AND LIGHT COLORED TILES FLOORING



- **Installation of blinders in the office buildings where direct sunlight is trajected to diffuse heat and minimize full load operation of ACU's;**



## INSTALLATION OF BLINDERS (ROLLER SHADE & PVC VERTICAL BLIND)



## INSTALLATION OF BLINDERS (3-way Roller Shades)



## INSTALLATION OF BLINDERS (3-way Roller Shades)



- **Operation strictly of ACU's only from 9:00 A.M.-4:00 P.M. from Monday to Friday; All ACU's are switched off during Sat, Sun and holidays; Exception are areas where equipment therein require controlled temperature;**



**ACU OPERATION FROM 9:00AM-4:00PM WITH THERMOSTAT SETTING AT 25 DEGREES CELSIUS IS STRICTLY IMPOSED**

- **Lights are switch off from 12Nn to 1:00 PM daily except when official work is being done during the period;**



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**B. Maintenance  
and Use of Vehicles.**

- **Perform regular preventive maintenance of corporate vehicles which will reduce fuel consumption and reduce harmful emissions**



- **Optimize trip schedules limiting the use of corporate vehicles to activities that are extremely necessary in the performance of TransCo's core functions and those considered emergency in nature thereby reducing fuel consumption;**

- **Tracking of all corporate vehicles, garaging after each trip in designated areas to ensure that vehicles are only used in official trips thereby fuel utilization is maximized;**

## FUEL SAVING DEVICES ON SERVICE VEHICLES



- **Installation of fuel saving device in some service vehicles;**



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**C. WaterSupply  
Conservation and  
Maintenance.**

- **Watering of plants and landscaped areas in the morning and late in the afternoon when temperature is low and the soil is most absorbent;**

- **Regular check up and inspection of water closets and lavatories; immediate repair of leaks in water faucets, pipelines or storage facilities;**

# Use of dual flush water closet

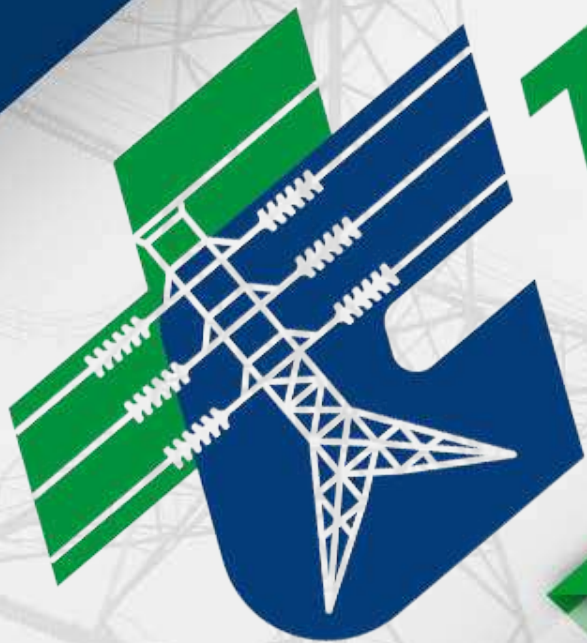




- **Installation of waterless urinals in all male rest rooms;**



**WATERLESS URINAL**



**Transco**

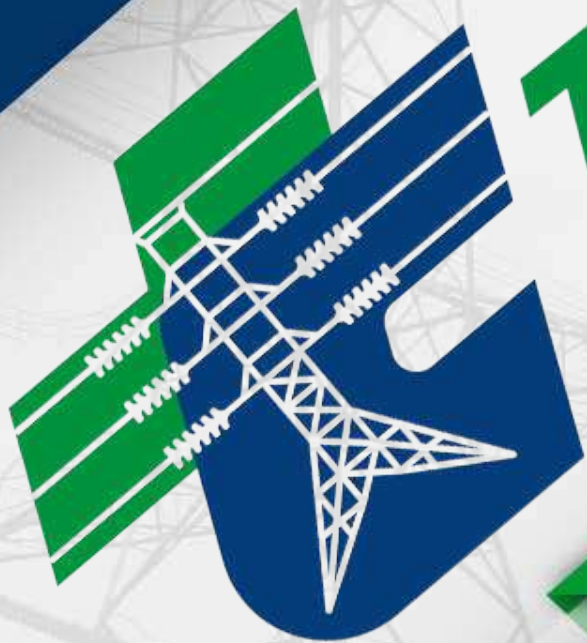
**D. Recycling and  
Waste Disposal.**

- **Segregation of waste materials produced within the office premises and recycling of waste materials to maximize the use of resources;**



# **COMPOSTING FACILITY**

- **Establishment of composting facility in a selected portion of Bantayog Memorial Center where biodegradable wastes are discarded in composed pits for conversion to fertilizers. The fertilizers are used to fortify the nutrients of the soil in flower pots, plant boxes and rock gardens in the TransCo Head office;**

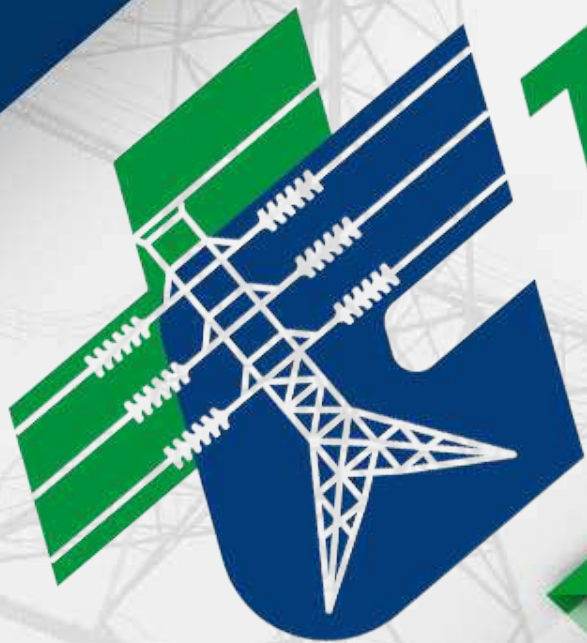


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**E. Proper Disposal**

- **Proper disposal of unserviceable lighting fixtures such as fluorescent bulbs, ballasts and other hazardous wastes thru the availment of DENR accredited service providers in compliance with R.A. 6969 (An Act to Control Toxic Substances and hazardous and Nuclear Wastes, Providing Penalties for Violations Thereof, and for Other Purposes);**

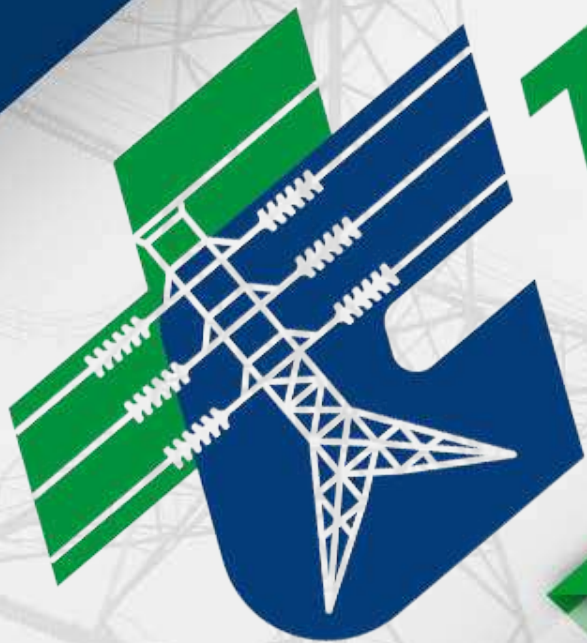




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## **F. Adoption of Earth Hour**

- **Adoption of Earth Hour once a year by switching off lights and other non-essential electrical appliances for one hour to relieve Planet Earth and its inhabitants of the destructive build up of carbon stress;**



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**G. Long Term Goal  
("Green Building")**

- **Long term goal of TransCo to develop its building as “Green building”. TransCo has been coordinating with PNOC Renewable Corporation, the primary agency of the government in promoting and developing renewable energy sources in the country, for the possible installation of solar rooftop at TransCo Main building.**



The End