

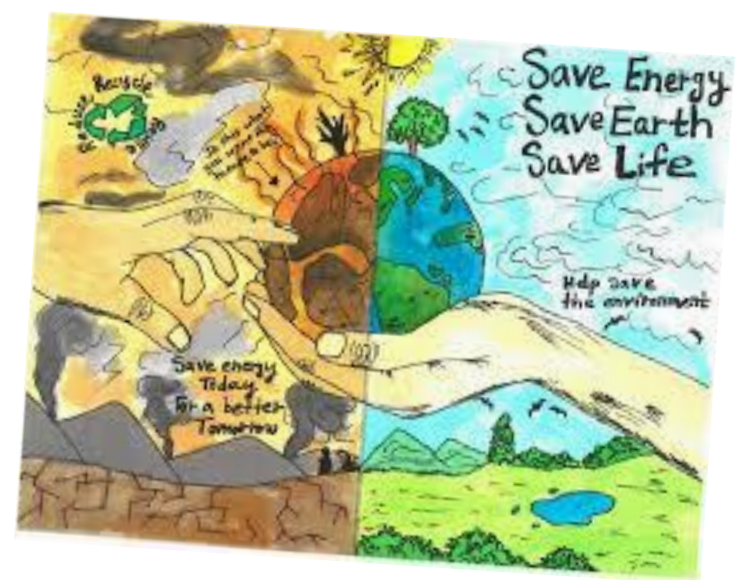


**BHAVAN'S PUBLIC SCHOOL,  
DOHA-QATAR**

**ECO CLUB-2018-19**

**PRESENTATION**

**ON**



# ENERGY CONSERVATION

**"SAVE TODAY SURVIVE  
TOMORROW"**

# Why energy conservation?

- Increased financial capital, environmental quality, national security, personal security and human comfort.
- Our earth , our mother, our responsibility.

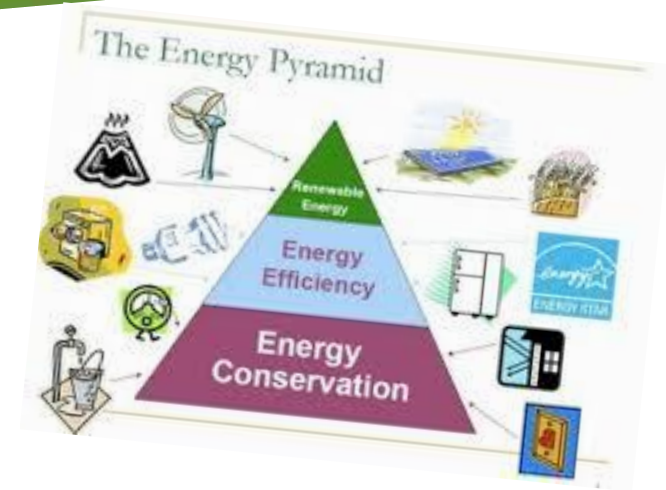


# How energy conservation?

- Increased efficient energy use
- Decreased energy consumption
- Reduced consumption of conventional sources.
- Government departments:
- DECC
- CLG



- Energy conservation :
  - a) At home
  - b) In the community
  - c) Industry and other places
  - d) In transportation sector





# Energy Conservation at Home

1. Adjust your day-to-day behaviours.

2. Replace your light bulbs.



3. Use smart power strips

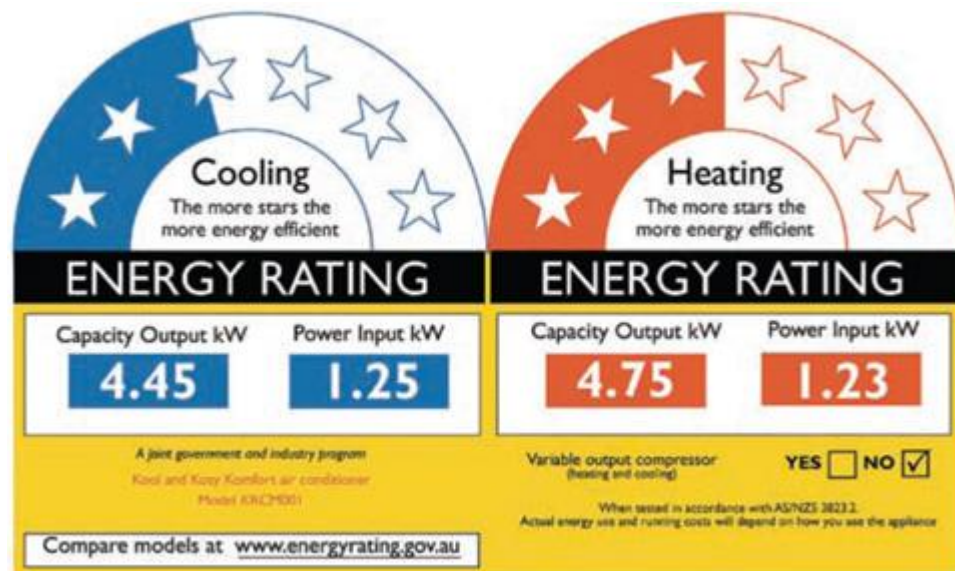






7. Use less hot water.

8. Make sure your air conditioning and heating units are **ENERGY STAR** models



# Energy Conservation At Community Level

1. Bring out the energy rangers in you and create awareness.



2. Make community level eco-clubs and nature clubs.



- Hold discussions with your rural or urban administration, to bring out the best energy saving through the direct involvement.
- Hold energy conservation week and associated events.



# Energy Conservation in Industries

1. Preheat combustion air with waste heat
2. Use variable speed drives on large boiler combustion air fans with variable flows.
3. Use back pressure steam turbines to produce lower steam pressures.
4. Use more-efficient steam desuper heating methods.

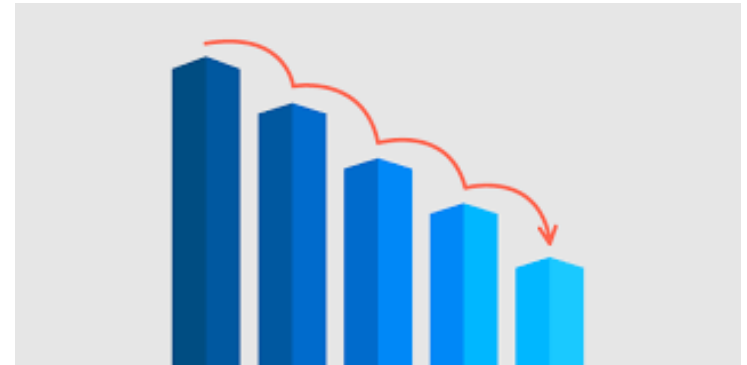
- 4. Ensure process temperatures are correctly controlled.
- 5. Improve burner design, combustion control and instrumentation.
- 6. Ensure that the furnace combustion chamber is under slight positive pressure.





# Energy Conservation In transportation:

1. Don't use your private vehicles extensively.



2. Try to use public transportation whenever possible.

3. Remove extra BOOT weight in the car.



- 3. Keep automobiles fuel filters clean and save the fuel.



- 4. Don't forget to keep your vehicle tuned up. When a vehicle is running well, it uses nine per cent less fuel and thus emits fewer toxic and noxious fumes.

- 5. Don't use clutch pedal as footrest.
- 6. Beyond one minute, it is more fuel – efficient to restart your car.



7. Maintain recommended tyre pressure.

**WE DID IT!**

**LET'S DO IT AGAIN  
TOMORROW**

[memegenerator.net](http://memegenerator.net)