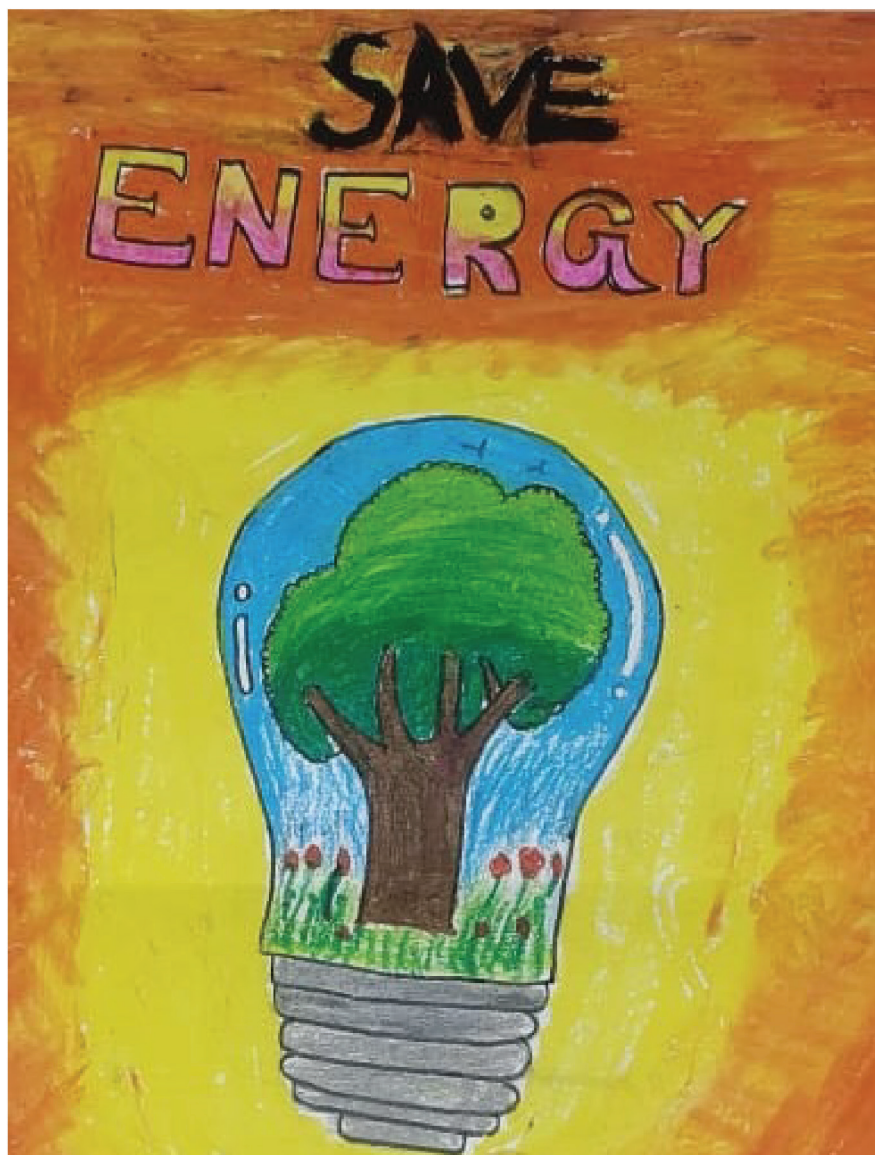


October 2024



An initiative under CERC-ATGL Greenmosphere Students' Club

adani
Gas





Dear Students,

As we approach the festive season of Diwali, it is the perfect time to reflect on the importance of energy conservation. Our daily habits, including our festive traditions, have a significant impact on the environment.

Let us celebrate this Diwali in a way that is both joyful and energy-efficient! One simple thing you can do is to switch to solar-powered LED lights for your decorations. Light the traditional earthen diyas which you can buy from a local potter. Get creative for decorating the house by doing DIY with old bangles, fabrics, CDs, old greeting cards etc. Use flowers for decoration and rangoli as they are eco-friendly and biodegradable. After the festival, you can put the flowers in a compost bin to make manure for your garden.

By making these small changes, you are not just saving energy but also contributing to a cleaner environment.

‘Green Millennials’ is an online magazine published every month, which is available to you directly in your mailbox or your WhatsApp. We invite you all to write to us about how you celebrated your Diwali in an eco-friendly way and we will publish some selected entries in our upcoming issues. Send your entries to greenmillennials@cercindia.org along with your full name, school name and photographs.

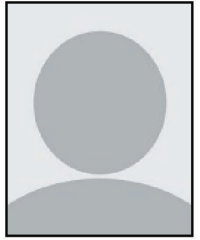
Wishing you all a Happy and Bright, eco-friendly, and energy-efficient Diwali!

Anusha Iyer
Deputy General Manager – Advocacy
CERC

Write up on 'Conservation of Energy'

The energy on Earth is not in unlimited supply. Furthermore, energy can take plenty of time to regenerate. This certainly makes it essential to conserve energy. Most noteworthy, energy conservation is achievable either by using energy more efficiently or by reducing the amount of service usage.

Moreover, always remember to unplug your electrical gadgets when not in use. These devices consume at least 10% of electricity even when inactive. Thus, unplug them to save electricity. In addition, try to cut down your TV watching time.



Nishant Manglani
Class 7
Shree Narayana
Higher
Secondary
School, Naroda

Drawing on 'Green Energy'



Vivek
Class 7
Shree Sanskar
School

E-book on 'Energy Conservation'



Energy Conservation



Click to read

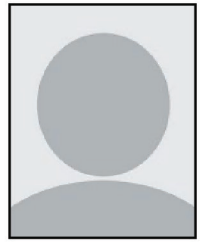


Vihan Patel
Class 7
Shree Narayana
Higher Secondary
School, Kathwada

Checklist for 'Buying Home Appliances' by a student of Diwan Ballubhai Prathmik Shala

- Energy efficiency
- Warranty
- Consider your needs
- Create a budget
- Environmentally Friendly
- Compare costs
- Measure
- Reviews
- Reduce energy consumption
- Space
- Functionality
- Star labels

Diagram on 'A Day without Electricity'



Kishan Beri
Class 6
Anand Niketan
International

Cover Image



Krisha Mevada
Class 7
Shree Swaminarayan
International School

Article on 'How to Save Energy at Home'



Pradyuman Rathod
Class 8
Asarwa School

(1). Turning off the lights when leaving a room.

→ A basic habit to develop and ~~fasten~~ foster is to make sure that you always turn off the lights when leaving a room. Make a reminder to do so until you get into a habit of doing so subconsciously. You can save a good chunk of your monthly electricity costs by doing something as simple as this regularly.

(2). Use LED lights.

→ Many homes are moving towards smart LED lights as they not only look stylish and affordable but are also way more efficient than halogen bulbs. Moreover, replacing traditional incandescent bulbs with energy-efficient LED bulbs can significantly reduce your electricity usage. LED bulbs consume up to 90% less energy and last much longer.

(3). Using smart meter.

→ A smart meter is a great way to see how much power you're consuming. This will help you keep a track of your consumption in real-time, and where you can reduce it.

(4). Washing at low temp.

→ Wash clothes at a cooler temperature and with a full load; you will be saving a lot of water and electricity.

(6) solar-powered devices.

→ These days you can find a solar-powered version of almost any electronic you use in your home. Making small shifts and using more solar-powered electronics can go a long way and can also lower your maintenance and replacement costs of such electronics.

(6) Seal air leaks.

→ Drafts from window, doors, and other openings can cause your heating and cooling systems to work harder, increasing energy consumption. Sealing these air leaks with caulk or weatherstripping can improve energy efficiency, reduce your bills and save up to \$100 annually.

(7) Insulate your home.

→ Proper insulation in walls, attics, and crawl spaces can reduce heating and cooling costs by up to 30%, resulting in significant savings on energy bills. Also, insulating water heaters can reduce heat loss and save up to \$40 per year on energy costs.

Poster on 'Save Energy'



Parv Katariya
Class 8
Anant School
of Excellence

Green Millennials is a monthly e-newsletter, published as part of the CERC – ATGL Greenmosphere Students' Clubs project. These clubs are an initiative of Adani Total Gas Ltd (ATGL) and Consumer Education and Research Centre (CERC) for school students. They aim to sensitize young students about energy conservation and through participative activities, convert them into 'Conservation Ambassadors' of the future. The newsletter will carry contributions by member students in the form of essays, write-ups, poems, artwork, drawings etc. on various energy conservation themes.

*The material used in this issue does not necessarily represent the views of CERC