

POLICY AND GUIDELINES ON WATER AND ELECTRICITY CONSERVATION

Conservation is taking thoughtful steps to protect and wisely use our natural resources—things like water, forests, wildlife, and energy. It's about making sure these resources are available not just for us now, but for our children and grandchildren too. Conservation involves using resources efficiently, reducing waste, and caring for the environment so that we can enjoy its benefits for years to come. It's like being a good steward of the Earth, making choices today that will benefit everyone tomorrow.

Water and power conservation are essential to environmental responsibility and sustainability. The purpose of this policy is to provide standards that encourage [Organization Name] to use resources efficiently. By following these guidelines, we promote a sustainable culture while lessening our operational expenses and environmental effect.

The best practices for behavior-based energy conservation are described in the present piece:

- To use effective techniques and technology to reduce down on water usage.
- To reduce the amount of electricity used by putting energy saving strategies into practice.
- To increase the significance of conservation among staff members and students.

WATER

Water conservation is about using resources properly so that everyone benefits, not only about saving water. We can limit costs and make sure that our hard-earned money goes farther by practicing water conservation. Enhancing service delivery is also necessary to ensure that communities have consistent access to water during times of need. Additionally, water conservation reduces the need for costly new infrastructure by increasing the amount of available clean drinking water. It's an easy yet effective way to guarantee future generations have a sustainable future.

- **Less water, Save water** - This is very relatable and important for us, we need to minimize the amount of water utilized in various activities and processes. Let us save water.
- **Reuse and Recycle Water** - Promoting the reuse of water where feasible and implementing recycling initiatives to minimize waste.
- **Be Mindful of Water Use** - Educating employees and students on the significance of water conservation and encouraging responsible water usage behaviors.
- **Monitoring and Reporting** - checking of leaks in pipes, hoses, etc.

- **Turn OFF to the LEFT, Turn ON to the RIGHT** - designed to promote water conservation and operational efficiency by ensuring that only necessary water or systems are in use.

Republic Act No. 9275, known as the "Philippine Clean Water Act of 2004," is a comprehensive legislation aimed at protecting and managing the country's water resources. The Philippine Clean Water Act of 2004 is a critical legislative framework that addresses the management and protection of water resources in the Philippines, aiming to achieve sustainable development and environmental conservation.

ENERGY

Most schools have a lot of space for improvement and savings, despite the fact that the power cost is sometimes viewed as an immutable component of school spending. Ineffective staff or student behavior, inaccurate settings, or a lack of maintenance could be the cause of this addressable energy waste. The good news is that there are lots of ways to reduce energy use without having to upgrade your equipment. The only thing required to guarantee the ongoing and efficient execution of energy-saving initiatives in schools is an energy management system.

- **OFF after use** - It's one of the simplest energy-saving tips out there, though easier said than done. Many of us leave things running. There's a common belief that constantly flipping light switches wastes more energy than it saves. Remember to switch off all appliances and equipment when you leave a room or won't be using them for a while. It's a small habit that can make a big difference.
- **Shut-OFF during non-instructional hours** - Implementing measures to power down non-essential systems and equipment during non-operational hours to save energy.
- **Lighting That Uses Less Energy** - Installing energy-efficient lighting systems and sensors to automatically adjust lighting levels based on occupancy.
- **Make Use of Natural Daylight** - Utilizing natural daylight is an important way to lower lighting energy.

Based on Republic Act No. 11285, also known as the "Energy Efficiency and Conservation (EEC) Act," is a Philippine law enacted on April 12, 2019. It aims to promote energy efficiency and conservation measures across various sectors in the country. It serves as a framework for integrating energy efficiency and conservation principles into national policies, programs, and practices across sectors.

We not only save expenses by incorporating these practices into our daily operations and routines, but we also help ensure a sustainable future for future generations. Together, let's save energy, preserve water, and create a more effective and environmentally conscious community.

THESE ARE THE FOLLOWING WAYS THAT CAN HELP US CONSERVE WATER AND ENERGY

ELECTRICITY

- All powered office equipment should be turned off or placed on standby when not in use unless it is detrimental to the operation of the equipment to do so. Items such as copiers, printers, calculators, shredders, etc., should be turned off at the end of the workday.
- Only authorized personnel and security guards are allowed to operate the centralized control system of the Air Conditioning units.
- Turn lights off in unoccupied spaces.
- Ensure all sensitive electronic equipment is turned off or unplugged.
- Maximize the use of natural light and turn off all nonessential lighting whenever possible.
- All appliances shall be turned off when not in use unless it is detrimental to do so.
- Lighting facilities and air conditioning units inside the classrooms must be turned off before leaving the room.

WATER

- Installing contemporary flush toilets that require less water to flush will help.
- Set up containers beneath institutional water fountains and use extra water in the yard.
- Installing rainwater tanks to collect water for gardening or toilet flushing is a good idea when it comes to gutters and tanks. To prevent overflow and precipitation from reaching the collecting system, the gutters will be kept clear.
- Understand the water efficiency of the oval irrigation system and plant locally sourced drought-tolerant plants that are better suited to the local environment.
- Install moisture sensors in your irrigation system so that it only runs when the garden requires it.

- Utilize water wisely each day by shutting off the faucet when not in use. Provide solid structure and procedures so that everyone is aware of the water they use on a daily basis.
- Consider using a broom to remove waste and leaves rather than power washing surfaces.
- Regular light watering every day may not be as effective as deeper, less frequent watering
- Check for leaks in pipes, hoses, faucets and couplings.