



Saturday, March 29th
8:30 PM





This Earth Hour, we encourage you to take charge of your footprint; to **GET ENLIGHTENED** and **MAKE THE SWITCH** to energy efficient lighting.

This Earth Hour, we're encouraging everyone to take charge of their ecological footprint and make the switch to energy efficient lighting.

Why Lighting?

Did you know that as much as 57% of the UAE's Ecological Footprint comes from households, and that lighting can account for about 20% of energy consumption in households globally?

In a single year, the use of energy efficient lighting over inefficient light bulbs in UAE households would result in carbon emission reductions of about 940,000 tones of CO₂, which is equivalent to removing 165,000 cars off the road.

Lighting is a huge part of our lives. We use it in our homes and places of work/study every day. **Can you imagine the opportunity for energy-saving if we all switched to energy efficient light bulbs?**

Earth Hour UAE

As a representative of WWF in the UAE, EWS-WWF has been coordinating Earth Hour in the UAE since 2008, when we had our first public Earth Hour event. Since then, the Earth Hour movement has grown incredibly. Last year, we reached over 4 million people with the Earth Hour message, and famous landmarks such as Burj al Arab, Burj Khalifa, Sheikh Zayed Grand Mosque and Al Qasba switched off for the hour.



WHAT YOU CAN DO

You can start by getting enlightened and making the switch!

Choose the right bulbs

Read labels carefully and choose energy efficient lightbulbs such as CFLs (Compact Fluorescent Bulbs), Halogens, or LEDs (Light Emitting Diodes).

Spread the word

Getting our entire community involved will amplify the impact. Spread the word to your network on your social media accounts and website using the hashtag #MakeTheSwitch

Dedicate your Earth Hour Switch off to the cause

Earth Hour is more than just a one-day event. It is a reminder to make sustainability a part of our daily lives. This year, pledge to switch to energy efficient bulbs before the Earth Hour global switch off at 8:30pm – that way, when you switch back on, you'll be doing it **the Light way!**

FAQS ON ENERGY EFFICIENT LIGHTING

What are the benefits of energy efficient light bulbs?

Even though energy efficient light bulbs are more expensive, in the long run they are more cost-effective as they last longer and use less energy than incandescent bulbs (energy inefficient common light bulbs). You'll see the difference in your electricity bill!

For example – the value of cost savings is equivalent to AED 27 when you use a high-efficiency bulb of 8 watts instead of incandescent bulbs of 40 watts.

Besides saving on energy and cost, energy efficient lighting also has huge environmental benefits and results in significant reduction in the emissions of greenhouse gases.

How to dispose of a defected CFL light bulb

Some energy efficient bulbs such as CFLs contain mercury.

No mercury is released when the bulbs are unbroken or in use. If the bulb breaks, limited mercury can be released. If that happens, you are advised to air the room before cleaning the area with a wet cloth. Skin contact should be avoided and no vacuum cleaner should be used for the cleanup.

Consumers can also choose alternative bulbs like halogens, Linear Fluorescents, or LED bulbs, which do not contain mercury.

Do energy efficient light bulbs come in different colors?

All energy efficient light bulbs are available in a number of different color temperatures from warm to cool. Warm tends to be more yellow, while cool tends to be more white/blue.

What should I look for when buying an energy efficient bulb?

Check for these specifications on the product:

Watts (W) – look for energy efficient light bulbs with low wattage.

It is important to note that less wattage does not mean dimmer light.

Lumen – choose energy efficient light bulbs with high lumen value.

More lumens mean brighter light.

Energy Saving – tells you how much energy you can save for using this bulb per year compared to an incandescent bulb.

Lifetime – choose energy efficient light bulbs with long average life hours. Incandescent bulbs in comparison have a low life expectancy of 1000 hours of use (0.9 years).

CFL BULB

(COMPACT FLUORESCENT LAMPS)



Not all CFLs are efficient. Energy efficient CFLs are **8, 15, and 23 Watts**

Make sure you look for the label with High Efficiency CFL written on it

Energy Savings

Switching a 40W incandescent bulb to a 8W CFL saves energy by 80%

Switching a 75W incandescent bulb to a 15W CFL saves energy by 80%

Switching a 100W incandescent bulb to a 23W CFL saves energy by 77%

Life Expectancy

The life expectancy of a High Efficiency CFL is 10,000 Hours (9.1years).

Colors Available All energy efficient light bulbs will be available in variation of colors, according to your needs.

LED BULBS

(LIGHT EMITTING DIODES)



All types of LEDs are considered energy efficient

Energy Savings

Switching a 40W incandescent bulb to a 5W LED saves energy by 87.5%
Switching a 100W incandescent bulb to a 18W LED saves energy by 82%

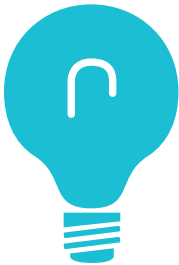
Life Expectancy

The life expectancy of any LED light bulb is 50,000 Hours
(45.7 Years)

Colors available

All energy efficient light bulbs will be available in a variation of colors, according to your needs.

HALOGEN LIGHT BULB



An energy efficient Halogen Bulb is 20 Watts.

This is the least energy consuming and most efficient halogen light bulb on the market.

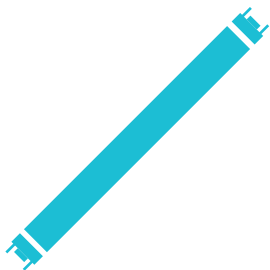
Life Expectancy

The life expectancy of a halogen light bulb is 2000 Hours (1.8 years)

Colors Available

All energy efficient light bulbs will be available in a variation of colors, according to your needs.

LF LIGHT BULB



All Linear Fluorescent light bulbs are considered energy efficient

Energy Savings

Switching a 100W incandescent to 18W LF saves energy by 82%

Switching a 28W Low Efficiency CFL to 18W LF saves energy by 36%

Life Expectancy

The life expectancy of a LF light bulbs is 24,000 Hours (21.9 Years)

Colors Available

All energy efficient light bulbs will be available in a variation of colors, according to your needs.