

# Creating a Greener Earth with Zigbee's Green Power

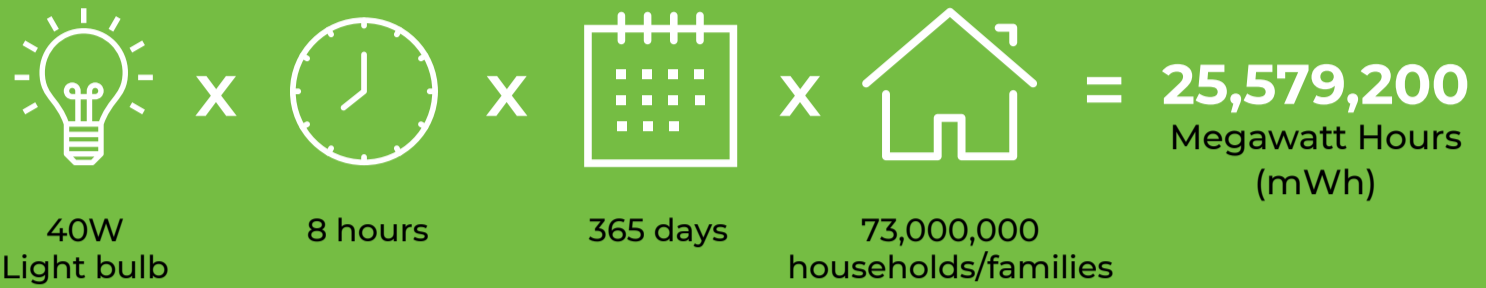


Green Power is a wireless feature of Zigbee that allows for energy-harvesting technology to be used directly with the Zigbee devices around the world.

## Optimize Energy Use

Green Power optimizes energy usage through power management, coupled with automation.

If every household in the US used automation to optimize their use of power, we would have 25,579,200 Megawatt Hours (MWh) of energy daily.



## Energy-Harvesting

Green Power devices can generate energy through normal, everyday movements like pressing a button or rotating a handle, which extends the lifetime and use of the product. Sensors can also generate energy they need from sunlight or ambient light, eliminating the need for a back-up battery.



Heat



Kinetic



Solar

## Reduce Battery Waste

Green Power reduces battery waste and can eliminate the need for batteries altogether through energy harvesting.

3 billion batteries are thrown away each year.



## Efficiency in Commercial and Residential

Wireless and battery-less installation means ultimate flexibility for power management, reducing waste and cost for commercial installations.

For devices in remote, hard-to-reach locations where battery replacement is not an option, Green Power is a winner. With no need for wiring, Green Power devices can be used anywhere they are needed.

Green Power is 100x more efficient than standard Zigbee solutions.



## Green Power Devices in the Market



60+ lifetime certified devices



Switches



Temperature and Humidity Sensors



Occupancy Sensor



On this Earth Day, and every day, think about ways you can use less energy and how smart solutions like Zigbee and Green Power products can help!

To learn more about Green Power visit: <https://csa-iot.org/all-solutions/green-power/>

