



**A TYPICAL PUBLIC ASSEMBLY
COULD FEED 137 ATTENDEES
FOR A WEEK TO EQUAL THE
MONEY SAVED ANNUALLY BY
UPGRADING TO LED LIGHTING***

Not only can public assemblies save energy by using energy efficient equipment, but there are additional positive effects on the overall environment of the facility. Research shows by upgrading to energy efficient lights heating, ventilation and air conditioning systems, the following benefits occur:

- Enhanced staff and attendees comfort, safety and satisfaction
- Lowered maintenance costs
- Decreased equipment failure
- Cleaner halls that are inviting to guests

* Based on a 2017 DNV GL study

**“THE STAFF HAS PRAISED
THE BRIGHTNESS AND COLOR
IMPROVEMENT OF THE INTERIOR
LIGHTING UPGRADE. OUR
MAINTENANCE STAFF WILL
ALSO APPRECIATE NOT HAVING
TO REPLACE BALLASTS AND
FLUORESCENT BULBS ON A
WEEKLY BASIS.”**

**- Mack Solomon, Facility Manager
Arbor Circle**

Consumers Energy offers rebates, technical services and more to help public assemblies like yours become more energy efficient. Our team is here to walk you through the program requirements and available resources.

CONTACT US

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Public Assemblies Hidden Benefits of Energy Efficiency



Energy Efficiency Impacts in Public Assemblies

The following non-energy improvements can result from upgrading to energy efficient equipment:

Increased Comfort

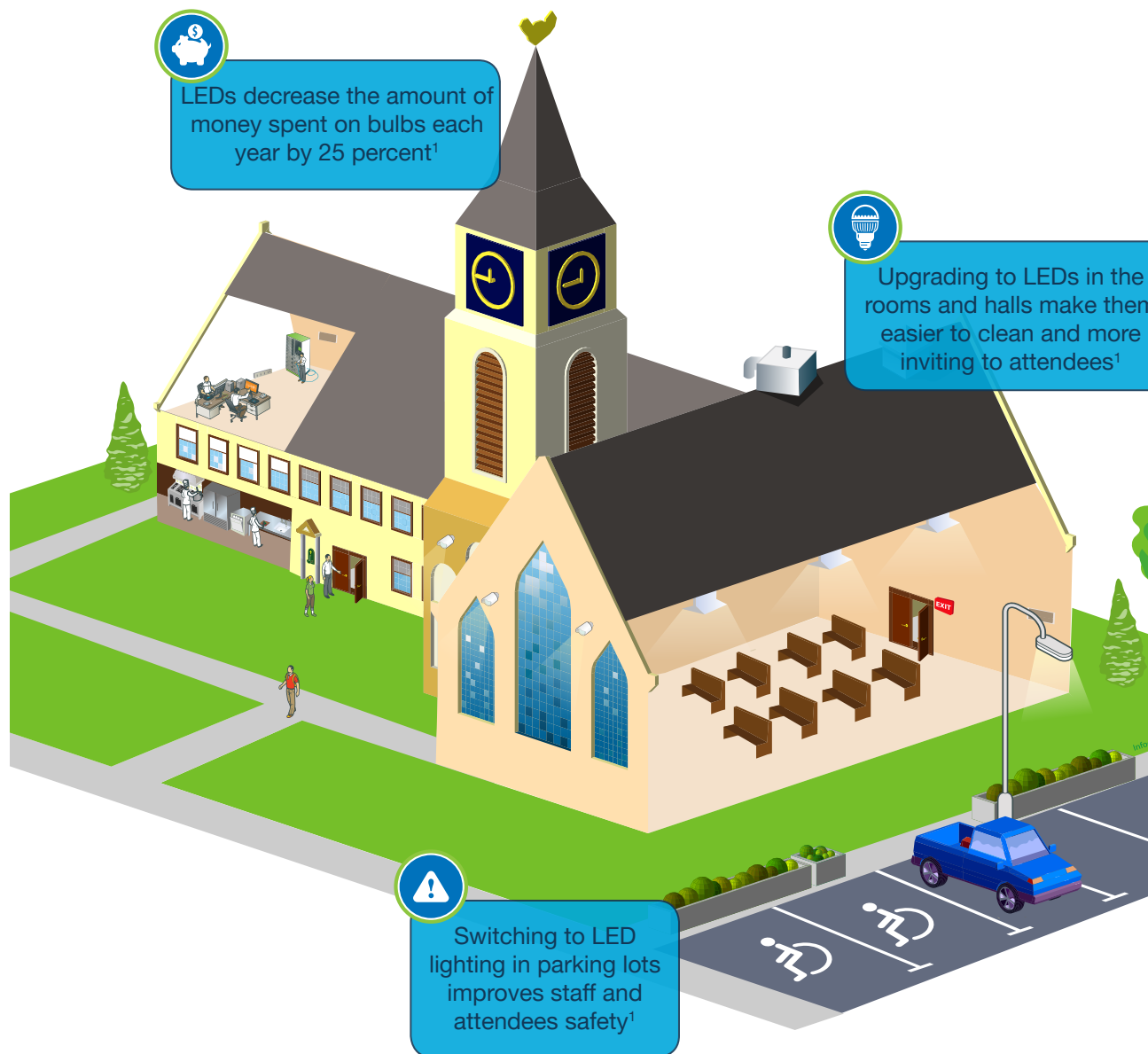
Public assemblies want to ensure attendees comfort. Energy efficient HVAC systems improve air circulation. LEDs enhance visibility making the building easier to clean and more inviting to attendees.

Increased Safety

Poorly lit parking lots can be dangerous for staff and attendees. LEDs illuminate parking lots, creating a safer atmosphere and can also contribute to decreased theft.

O&M Cost Savings

Upgrading to energy efficient products reduces the need to hire outside contractors by 12 visits a year. It also saves an office manager 80 hours annually on inventory management. LEDs have a longer life cycle than other bulbs, minimizing the amount of bulb replacements and the money spent on bulbs each year by 25 percent. Furnace tune-ups reduce the need for repairs and maintenance costs.



O&M Cost Savings

Equipment	Energy Savings	Non - Energy Savings	Total Savings	Energy Payback	Non - Energy Payback
Lighting	\$1,259	\$4,202	\$5,461	2.61 yrs.	0.60 yrs.
VFD	\$263	\$0	\$263	2.11 yrs.	2.11 yrs.

1. 2014 PowerPoint presentation, Non-Energy Impact Marketing Analysis by Industry, Special Cross Sector Research Area [PPT]. (2014). DNV GL.