



A typical public assembly would need to receive an additional \$5000 in donations annually to equal the money saved by upgrading to led lighting.\*

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

- Worker and guest comfort, safety and satisfaction
- Quality of energy efficient products will decrease maintenance cost
- Increased worker productivity
- Decreased equipment failure
- Cleaner halls that are inviting to guests

\* Based on a 2017 DNV GL study



“[LEDs] are not only aesthetically more attractive but they also provide a better [light quality] and brighter atmosphere for working and taking breaks from work.”

- **Paul Lochinski, Owner,**  
**Albie's Food, Inc.**

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**

**888-674-2770**

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1/2025



## Public Assembly

*Hidden Benefits from  
Energy Efficiency*

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# The Impacts of Energy Efficiency in Public Assembly

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

## Increased Comfort

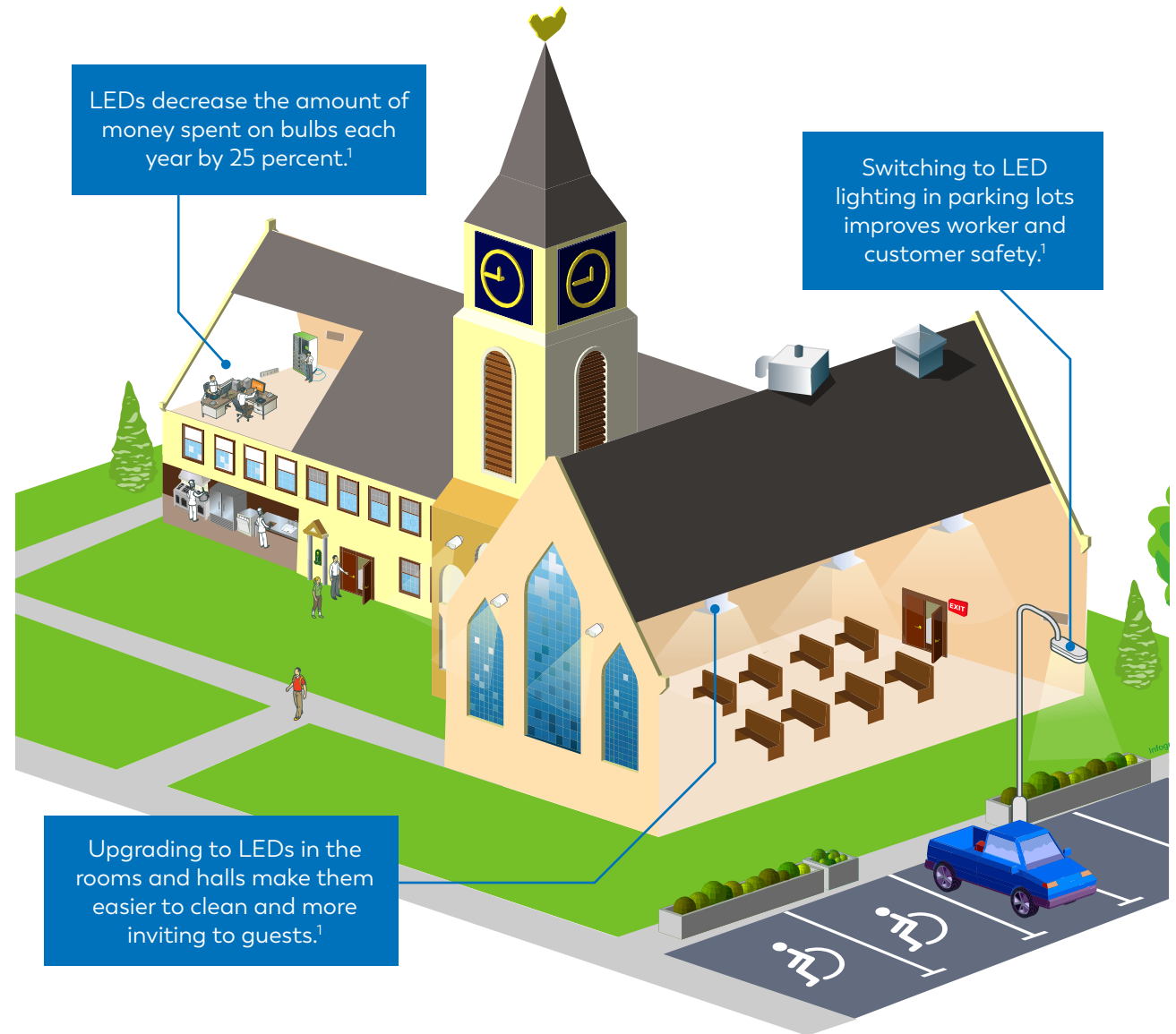
Public assemblies want to make sure guests are comfortable. Energy Efficient HVAC improves the air circulation in the building, increasing your guests' comfort. LEDs enhance visibility in the building, helping the cleaning crew see dirt; making the building cleaner and more inviting to guests.

## Increased Safety

Poorly lit parking lots can be dangerous for workers and customers. LEDs provide an increase in safety, particularly in parking lots, and can also contribute to decrease theft in buildings parking lots.

## O&M Costs Savings

Reducing maintenance costs helps significantly for a public assembly facility. LEDs have a longer life cycle than other bulbs, minimizing the amount of money that is spent on bulbs each year by 25 percent. By upgrading to LEDs there is also more space in storage due to the reduced amount of bulbs being stored. Furnace tune-ups equal less breakdowns, reducing the costs in maintenance.



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.