A typical office would save the equivalent cost of 3,250 reams of paper annually by upgrading to LED lighting.*

Not only can offices save energy by using more energy efficient equipment, but there are additional positive effects on the overall revenue and environment of the office. By simply upgrading to LED lights and energy efficient HVAC systems, your office could see the following benefits. *

- Enhanced staff and visitor comfort, safety and satisfaction.
- Increased staff productivity.
- Lowered maintenance costs.
- Decreased equipment failure.

*** Based on a 2017 DNV GL study**

"... [With] the lighting upgrade we don't worry about lights being accidentally left on, so nobody has to do a light check at the end of the day."

- Cheryl Postma, Director, AuSable Valley Animal Shelter

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

Contact us
877-607-0737
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Learn more at
ConsumersEnergy.com/startsaving

March 2020

Office
Hidden Benefits of Energy Efficiency

Consumers Energy
Count on Us®

Energy Efficiency Impacts in Offices

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

Increased Productivity

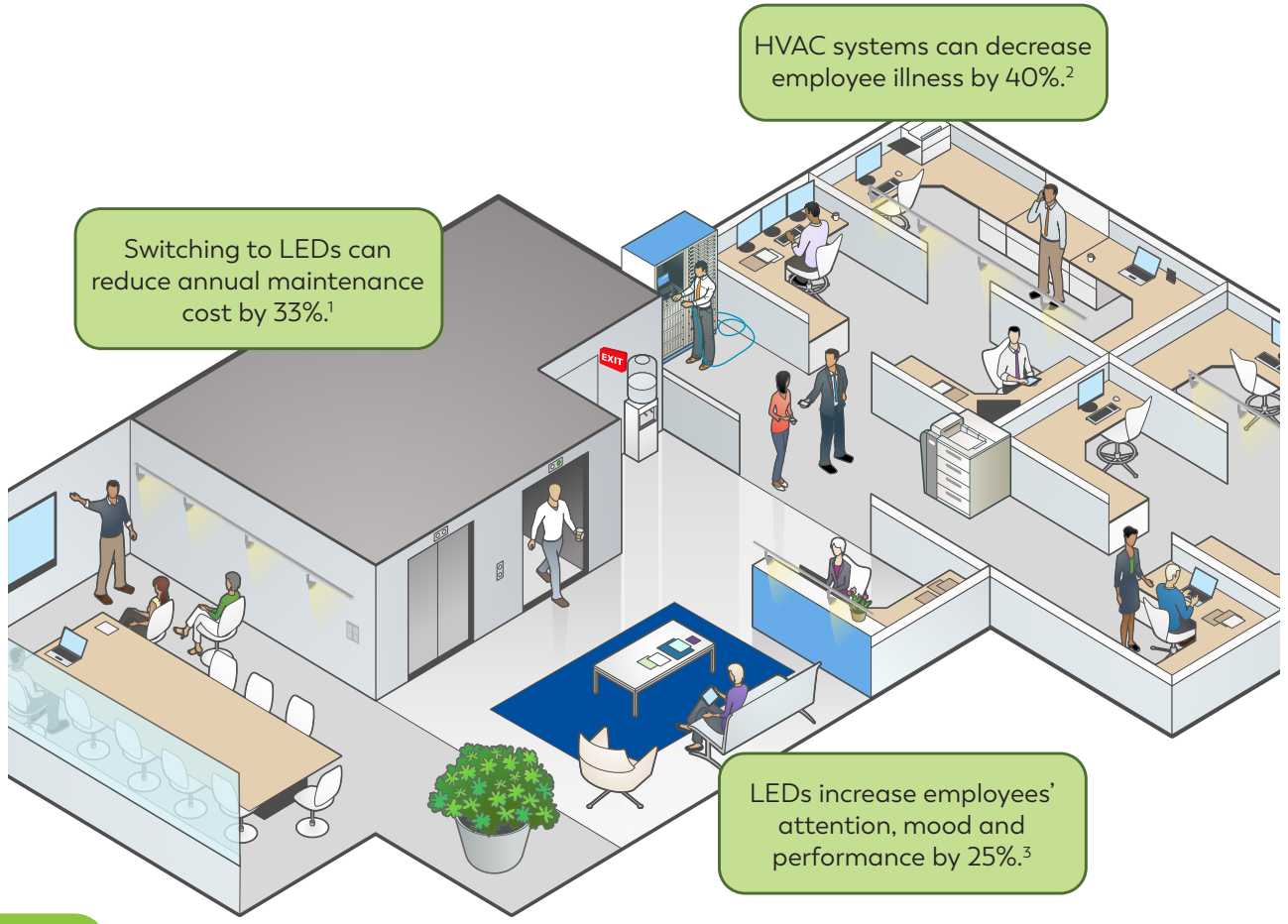
Research proves light influences alertness, mental focus and cognitive performance. Replacing bulbs with LEDs can increase employee attention, mood and performance by 25% because they simulate natural light.

Increased Health

An outdated HVAC system can spread airborne pathogens. Switching to an energy efficient HVAC system improves the indoor air quality and reduces the number of office illnesses by 40%. Want an added bonus? Research shows a 74% increase in employee morale and satisfaction from improvements to temperature controls.

O&M Cost Savings

Maintenance visits can be distraction for employees. LEDs have a longer life, require less upkeep and save 33% annually on maintenance cost while using less energy than fluorescent bulbs.



O&M Cost Savings

Equipment	Energy Savings	Non-Energy Savings	Total Savings	Energy Payback	Non-Energy Payback
Lighting	$1,631	$11,459	$13,090	2.08 yrs.	0.26 yrs.
VFD	$53	$0	$53	2.11 yrs.	2.18 yrs.
HVAC & Heating Equipment	$3,892	$0	$3,892	2.24 yrs.	2.29 yrs.

1. Non-Energy Impact Marketing Analysis by Industry, Special Cross Sector Research Area [PPT]. (2014). DNV GL.
2. Carnegie Mellon, 2005.
3. Natural Light and Productivity: Analyzing the Impacts of Daylighting on Students' and Workers' Health and Alertness Int'l Journal of Advances in Chemical Engg., & Biological Sciences (IJACEBS) Vol. 3, Issue 1 (2016) ISSN 2349-1507 EISSN 2349-1515 N. Shishegar, M. Boubekri