



Increase Production and Reduce Maintenance Costs with Energy Efficient Upgrades

For goods produced using a continuous flow process like plastics, resin, concrete and chemicals



Research¹ shows energy efficient machinery and HVAC systems, high-quality lighting and occupancy sensors can:

- Improve production process.
- Decrease maintenance costs and material waste.
- Recruit and retain qualified staff.

One Michigan manufacturer saved **36%** in per-piece manufacturing time after upgrading to an electric injection molding machine¹.

Count on us to help you save

Help is available for manufacturing companies like yours to be more energy efficient. Consumers Energy offers rebates, lowering the cost of energy efficient upgrades. Our team is here to walk you through the program and available resources.

Some of our offerings include:

- Free energy assessment.
- Special rates tailored to your business.
- Incentives and rebates with up to **\$30,000** of energy efficient equipment and labor.

1. This document includes third-party research conducted to calculate non-energy benefits from energy efficiency upgrades for Consumers Energy customers in Michigan (2023) and secondary research.

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ConsumersEnergy.com/StartSaving

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Energy efficient upgrades have benefits beyond savings



VSDs/VFDs increase production, reduce maintenance costs, and extends lifespan by **30%**².



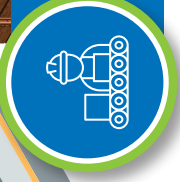
Equipment failures can account for up to **44%** of total maintenance costs³.



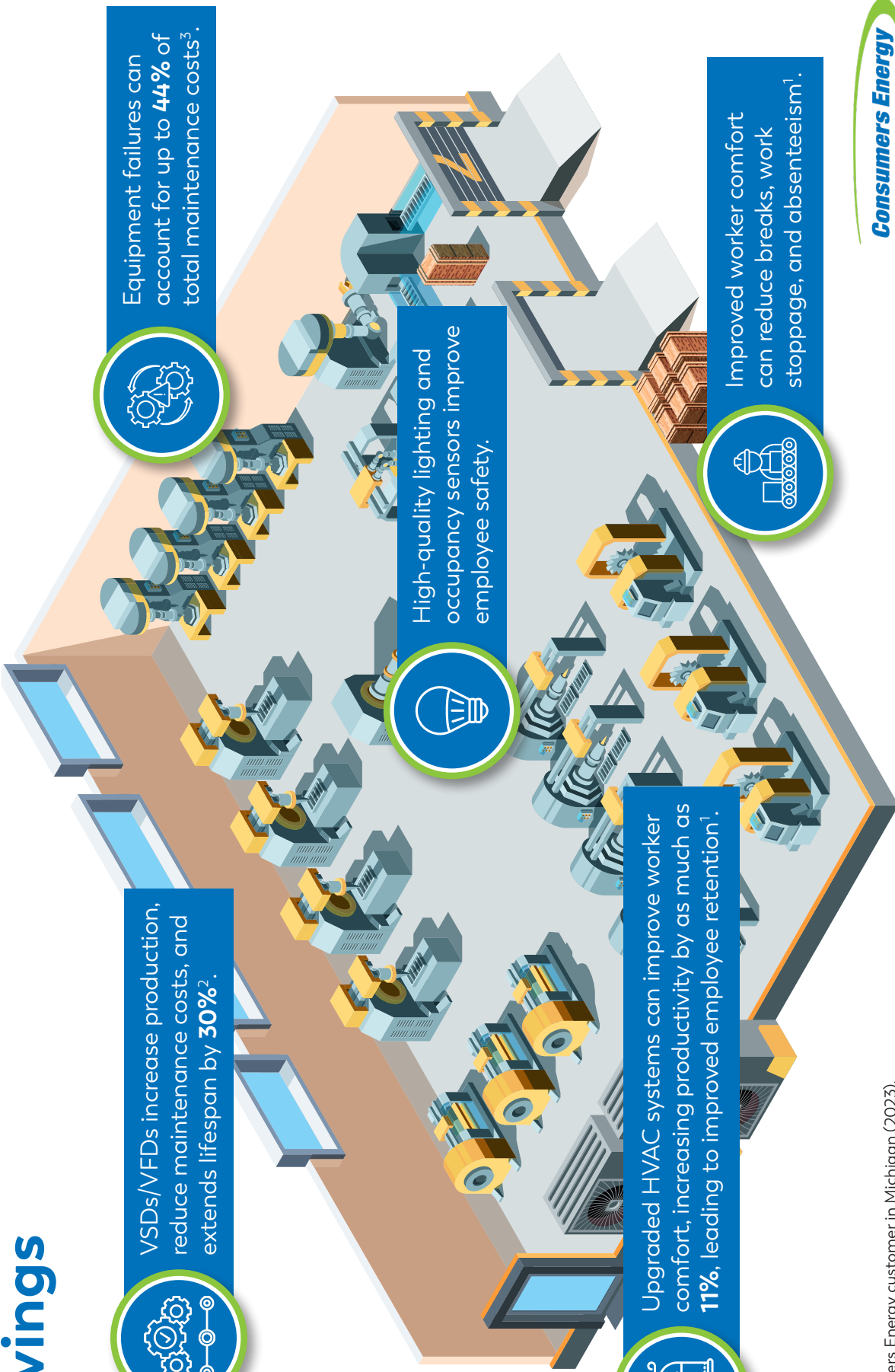
High-quality lighting and occupancy sensors improve employee safety.



Upgraded HVAC systems can improve worker comfort, increasing productivity by as much as **11%**, leading to improved employee retention¹.



Improved worker comfort can reduce breaks, work stoppage, and absenteeism¹.



1. Consumers Energy customer in Michigan (2023).

2. Relectric, *How VFD's Save Money and Increase Production*, <https://www.relectric.com/training/vfds-save-energy-and-increase-production/>.

3. Patael, Rajesh, *Manufacturing Downtime Statistics*, <https://gitnux.org/manufacturing-downtime-statistics/>.

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