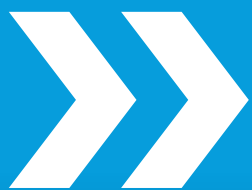


People-Power Saves Energy



**COLLABORATION AND
TEAMWORK MAKE
ENERGY EFFICIENCY A
COMPANY-
WIDE HABIT.**



- Collaborate across areas
- Share energy-saving ideas
- Notify supervisors of areas of waste

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Pump Up Profitability through Energy Efficiency



**ENERGY IS UP TO
60% OF A PUMP
SYSTEM'S LIFE
CYCLE COST.**



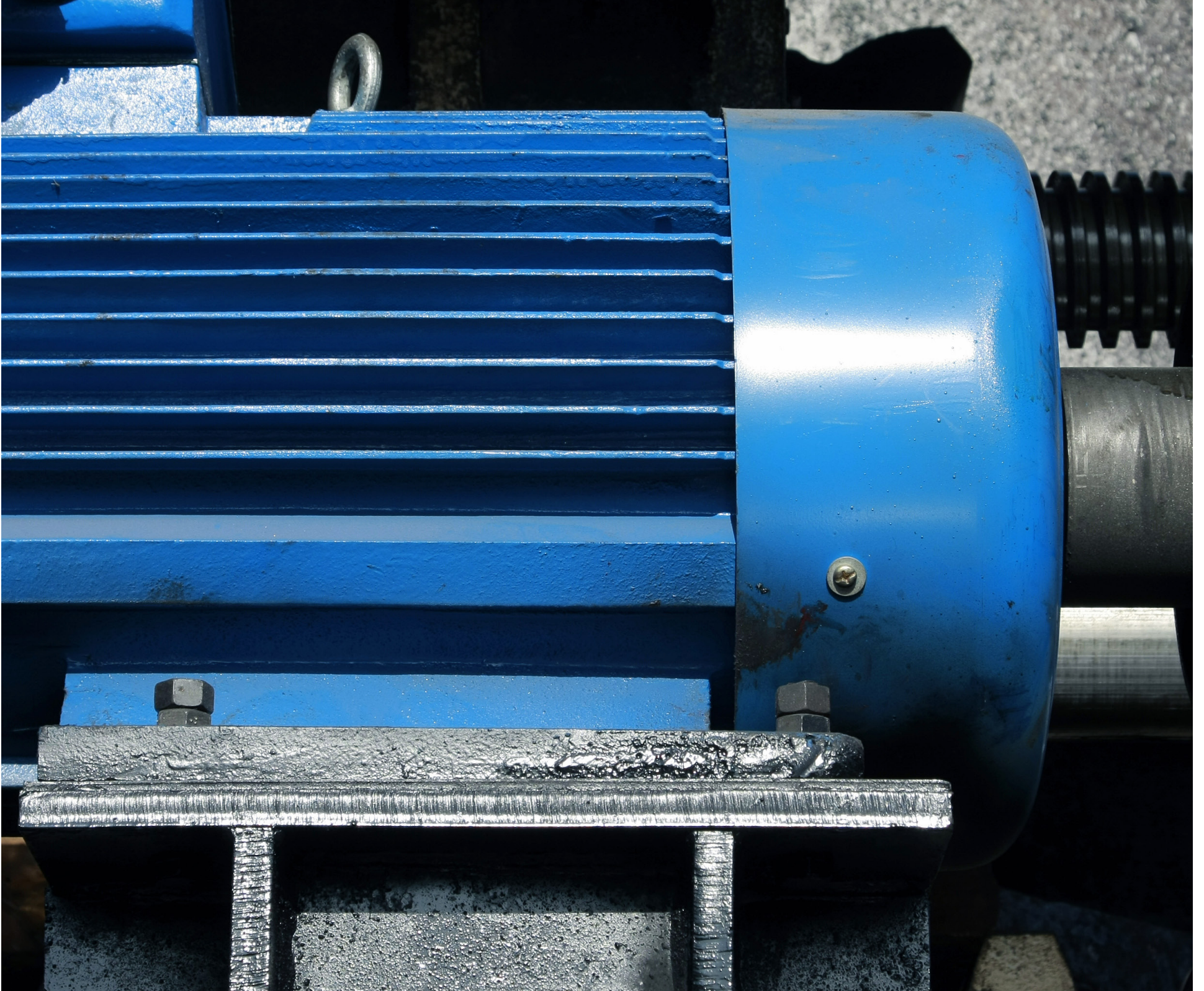
Capital	5%
Installation	5%
Maintenance	30%
+ ENERGY	60%
<hr/>	
= Total Life Cycle Cost	100%

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What's Your Motor Driving?



**EFFICIENT MOTORS
DRIVE MORE THAN
EQUIPMENT. THEY DRIVE
ENERGY SAVINGS THAT
INCREASE
PROFITABILITY.**



A high efficiency motor means:

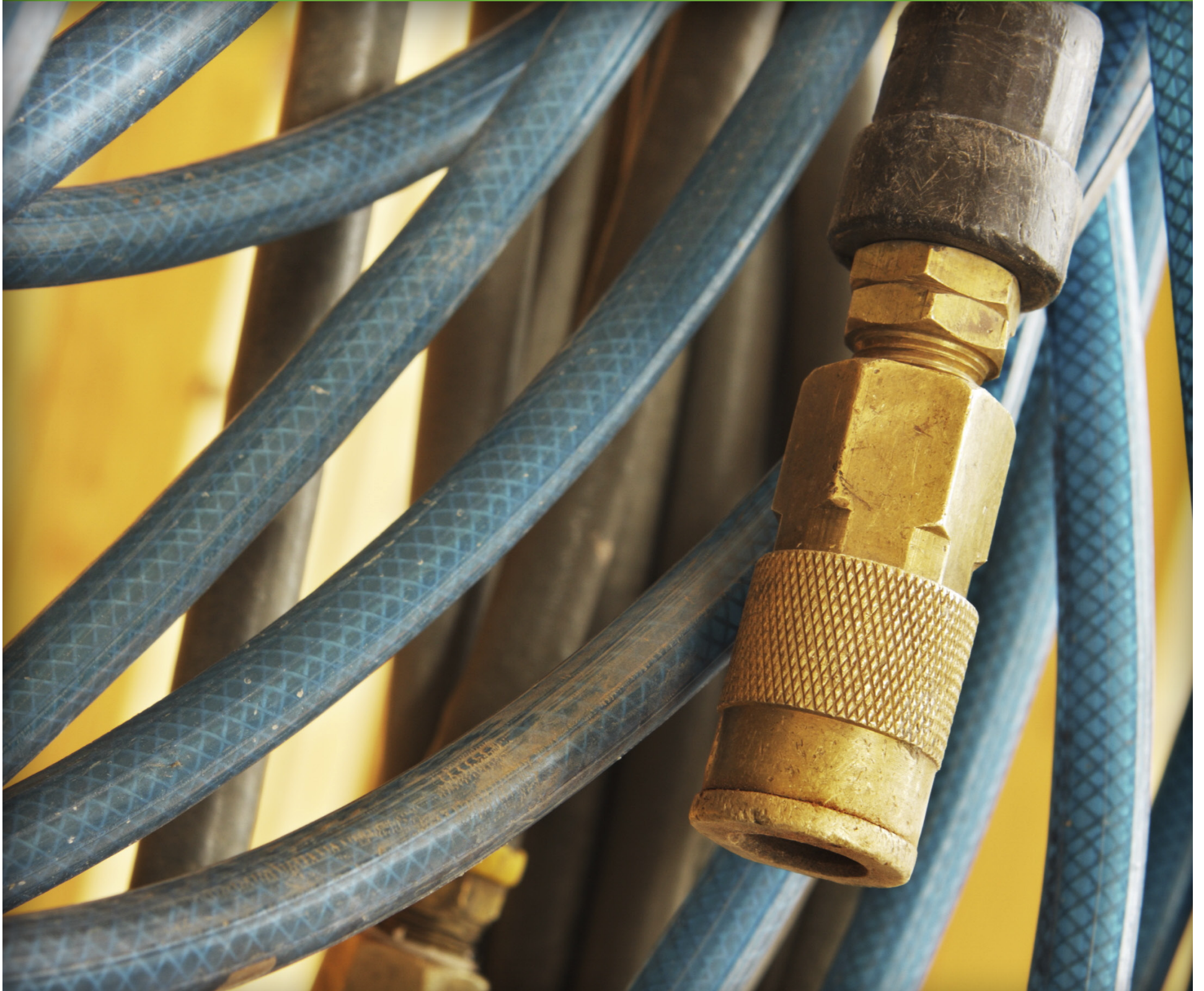
- Lower operational costs
- Higher production
- Better reliability
- A longer motor life

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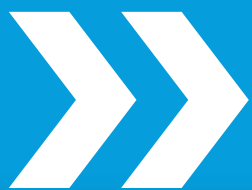
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Why Care about Air?



COMPRESSED AIR GENERATION CAN BE ONE OF THE LARGEST HIDDEN EXPENSES IN INDUSTRIAL FACILITIES.



- The average U.S. manufacturing plant leaks 20–30% of the compressed air generated.
- One leak with a diameter of $\frac{1}{8}$ th of an inch (→ •) can cost more than \$2,500 a year!

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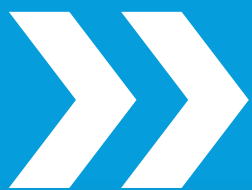
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Are Fans Blowing Your Energy Efficiency Goals?



A FULLY OPTIMIZED SYSTEM CAN SAVE YOUR PLANT UP TO 50% ON FAN/BLOWER ENERGY COSTS.



- Fix duct leaks, close off unused drops
- Consider smaller individual systems
- Work with electricians

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Little by Little, Leaks Drain Away Profits



LEAK TAG PROGRAM

5 Quick Steps to
Reporting
a Leak



- Identify leak
- Grab a tag
- Fill out tag
- Hang tag near leak
- Tear tag & deliver bottom half to maintenance

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Illuminate Opportunities to Save



**LIGHTING CAN BE
UP TO 30% OF
YOUR TOTAL ENERGY
COSTS. TO START
SAVING:**



- Turn off lights not in use
- Consider installing motion sensors
- Replace burned out bulbs with high efficiency lamps

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Keep Temperatures Low and Savings High



**50% OF CONDENSER
CAPACITY IS LOST
WITH ONLY 1/16th INCH
OF SCALE ON THE COIL.
TO MAXIMIZE
EFFICIENCY:**



- Keep good maintenance records
- Tighten fan belts
- Ensure water blow down system is working
- Inspect & clean coils, nozzles, grills, & drift eliminators

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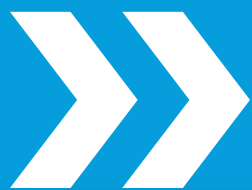
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Stop Steam and Start Saving with Insulation



SYSTEM IMPROVEMENTS CAN REDUCE THE ENERGY COSTS OF A STEAM SYSTEM BY UP TO 15%. TO MAXIMIZE EFFICIENCY:



- Ensure components are well insulated
- Clean boiler heat transfer surfaces
- Repair any leaks
- Minimize vented steam
- Optimize condensate recovery

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