



FACT:

Electric motors account for 2/3 of all the electrical energy used by industrial and commercial applications

Premium efficiency motors represent the state-of-the-art in the motors industry. They integrate the highest quality components and most stringent manufacturing processes to ensure optimal efficiency throughout the lifetime of the motor.

Energy Savings = Cost Savings

Operating a 10 HP TEFC standard efficiency motor is a commitment to spend almost \$62,000 during its 10 year lifespan! In contrast, premium efficient motors not only have fewer maintenance problems; they use less energy and produce substantial energy savings.



UPGRADE

to premium efficiency-qualifying motors and:

- lower your energy use
- reduce your operating costs
- increase your profit!

Repair or Replace?

When looking to repair or replace a failed motor, consider more than the first cost of purchasing a premium efficiency-qualified motor. Long-term cost savings from premium efficiency motors can have a big impact on the cost-effectiveness of your decisions.

Replace Standard Efficiency Motor with Premium Efficiency-Qualified Motor

Motor Size (HP)	5	10	25	50	75
Cost Premium	\$504	\$782	\$1,600	\$2,959	\$4,711
Total Annual Savings with Premium Efficiency Motor* (\$0.12/ kWh)	\$240	\$361	\$668	\$1,056	\$1,738
Simple Payback* (years)	2.1	2.0	2.4	2.8	2.7

Calculations based on TEFC, 1800 RPM, NEMA Premium Efficiency motor running at 75% load for 8000 hours/year
*includes energy dollar savings and annual demand dollar savings

Premium Efficiency can pay for itself in less than 3 years! For more information on calculating your potential premium motor savings, see: www.motorsmatter.org.

Call Conservation Services Group at **(888) 369-1608** or see www.premiumcooling.com for participating motor dealers who can assist you in your motor replacement needs.



The Premium Efficiency Cooling Program is funded by California utility customers and administered by San Diego Gas & Electric Company (SDG&E®) under the auspices of the California Public Utilities Commission, through a contract awarded to Conservation Services Group. California customers who choose to participate in this program are not obligated to purchase any additional services offered by the contractor. The trademarks used herein are the property of their respective owners.



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