

Eastman Kodak



Eastman Kodak Focuses on Motor Energy Savings

Rochester, Monroe County

“Motors are a part of our total effort to become more energy-efficient, and because they represent about 65 percent of our electric usage, they are a very important part of our efforts. We have a program in place to assist various areas within Kodak to encourage the purchase of NEMA Premium™ motors. NYSERDA motor rebates are a nice incentive as well. We are pleased to have received the ‘Energy Star Corporate Partner of the Year’ award for 2002 from the EPA which recognizes our overall environmental and energy savings accomplishments.”

– Al Lopa
Kodak Representative



Background

Kodak Park sits on a 1,300-acre piece of property in the heart of Rochester, New York. The Park is equipped with its own rail system, below-ground road network, power generation, HAZMAT staff and fire protection equipment. It is a massive and creative industrial complex that is a bustling “city within a city,” and Kodak Park is only one of the many Kodak facilities in the Rochester area. The Park also houses the burial site and memorial for Kodak founder George Eastman.

Kodak officials understand and promote energy efficiency. Kodak Park has its own Energy Office which focuses on a variety of energy-related areas from emissions, to lights, computers, and motors. Kodak also uses a poster campaign to raise employee awareness of energy conservation and efficiency issues. One of its seven posters addresses the use of electric motors, urging the appropriate use of motors to conserve energy.

Recommendations and Results

There are between 70,000 and 90,000 motors at Kodak Park alone, and it is a daunting task to move towards improved energy efficiency. As a result, Kodak has developed a Total Motor Program to monitor the electric motors on-site.

The program which was originally intended to make Kodak more efficient in supply chain management has evolved, and now focuses on the replacement of motors, where warranted, with NEMA Premium™ motors. The MotorMaster+ software is an integral part of the repair-replace analysis.

In one small manufacturing area alone, 44 “non-energy-efficient” motors were identified and replaced with NEMA Premium™ motors, resulting in savings of 250,000 kWh annually (or about \$17,250). In another area, \$200,000 was saved by replacing motors with more efficient models.

Kodak’s initiative to conserve energy and become more environmentally friendly is ongoing. Kodak officials are confident that continued energy savings through the use of NEMA Premium™ motors will grow and become an even more significant part of the equation in both retrofitting and routine motor replacement. Additionally, Kodak has revised its purchasing specs to call for NEMA Premium™ motors as its standard.



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