



NEWS RELEASE
FOR IMMEDIATE RELEASE

Contact: Jennifer Florian, Kupper Parker
Communications, 314-290-2171 or
Rob Boteler, 314-553-1179

August 20, 2001

**California Municipal Wastewater Facility
Reduces Energy Costs With Emerson Motors Retrofit**

Energy efficient motors expected to cut facility's energy usage by 5 percent

St. Louis, Mo., August 20, 2001 – While rolling blackouts, increased energy costs and government regulations have become standard in California in recent months, so has the pursuit of premium efficient motors to combat what officials are calling the state's "most serious shortage" since the 1970s.

One California wastewater treatment agency in particular has taken a proactive role in significantly cutting energy costs at one of its plants. Through a grant from the California Energy Commission, the Inland Empire Utilities Agency (IEUA) purchased motors from Emerson Motors for its Regional Plant #1 in Ontario, Cal. Agency officials expect the new motors to cut the facility's energy costs by an estimated \$27,000 per year.

The plant serves about 700,000 people within a 242-square-mile radius, which includes the cities of Fontana, Rancho Cucamonga, Ontario and Upland. The plant pumps an estimated 6,000 gallons per minute.

"We were looking for a way to make an immediate reduction on the plant's energy costs this summer," said Gary Bankston, IEUA's Manager of Energy and Maintenance. "The state of California urged us, through the grant opportunity, to pursue methods of reducing our energy costs. The obvious choice was replacing our existing, less efficient motors with motors from Emerson that meet the new NEMA Premium™ standards. We estimated that we could increase our efficiency by 5 percent a year, just by making an initial investment of about \$80,000."

The facility uses vertical turbine and horizontal centrifugal pumps. The pumps went online July 16 retrofitted with Emerson motors that meet the new NEMA Premium™ efficiency standards. NEMA sets standards for temperature, torque, inrush current, power factor and overall design parameters. These standards, some of the most stringent in the industry, assure customers that they can use Emerson products meeting the NEMA Premium standards without the addition of

new starters or wiring to an existing system. NEMA Premium standards also allow customers to maintain existing compliance to electric codes and safety regulations. NEMA Premium is based on present-day NEMA Design A and B motor performance, including locked rotor current requirements. NEMA Premium maintains a focus on proven NEMA motor designations to reduce users' risk with respect to possible motor misapplications.

IEUA officials were obligated under the grant to obtain bids for the project. Bidder Emerson Motors was selected due to its competitive bid, motor performance and ability to deliver the motors within the required five-week time frame, said Dick Schul, Group Vice President of Emerson Motor's Commercial Industrial Motor Group.

"Because of California's current energy problems, this retrofit project was put on the fast track. IEUA needed delivery in five weeks, which is about half our normal delivery time," Schul said. "We were able to build the motors in four and a half weeks and have them delivered to their door within two days. It's an extremely quick turnaround, but one that we will go to lengths to make for our customers."

Emerson Motors, a global leader in the design and manufacture of electrical motors, provides a complete line of general and special purpose electric motors from 1/200 through 4,000 horsepower. Brands such as Emerson, Doerr, US Electrical Motors, Hurst, Switch Reluctance Drives, and Status Technologies allow Emerson Motors to support a wide variety of applications including commercial and industrial, appliance, hermetic, automotive, and HVAC. For more information about Emerson Motors visit www.emersonmotors.com or contact the Literature Hotline at (800) 665-4850.

St. Louis-based Emerson (www.gotoemerson.com) is a global leader in bringing technology and engineering together to provide innovative solutions to customers in industrial automation; process control; heating, ventilating and air conditioning; electronics and telecommunications; and appliance and tools. Sales in fiscal 2000 were \$15.5 billion.

#

Emerson Motors ?8100 W. Florissant Ave. ?St. Louis, MO 63136 ?1-800-325-8386