



START SAVING MONEY MAINTAINING WET WELL AND WATER TOWER LEVELS WITH THE ALC Lift-Pac™ SYSTEM

This complete energy management solution uses multiple variable frequency drives (VFDs) with matched motors, a robust control panel and more (see brochure).

ALC Lift-Pac™ efficiency will help you:

SAVE ELECTRICITY: Using VFDs in place of starters or soft starts, reduces amp draws on all pump motor sizes to that of a perfectly-sized motor for your current pumping needs. Pump motors running on VFDs use only the required horsepower necessary to maintain a given level or run at a given RPM. Energy savings generate fast payback both today and into the future.

SAVE EQUIPMENT MAINTENANCE: Slow starts and stops help reduce high maintenance costs on pumps, valves, seals and other related hardware.

REDUCE PLUG-UPS ON FORCED MAINS: Maintaining an above-minimum flow stops settling of solids in a forced main that can result from frequent starts and stops that result from short-cycling of large pumps during low flow times.

BUILD A LONG-TERM DESIGN: You can size your pumps for tomorrow's needs, yet the motors will only consume power necessary to keep up with today's demands. The ALC Lift -Pac™ combines leading edge technology with years of control experience and a thorough understanding of wastewater and freshwater process and flow control. It's one of the most efficient operating systems available on the market today.

REDUCE CUSTOMER COMPLAINTS: Customer property damage claims resulting from water hammer is totally eliminated by speed-controlled pump starts and stops, utilizing sensor feedback from the pipeline itself.

DOWNSIZE GENERATOR APPLICATIONS: When a motor starts from a dead stop, it requires a much larger quantity of power than necessary to keep it running under full load. When a generator is sized, it must be equipped with enough power to start up the motor, not just keep it running. When using a VFD, the high inrush of power upon start up is eliminated, thus reducing the total power required by the generator. Soft starts will not fill the bill in this application because of their voltage reducing factor. When using soft starts, you must actually increase the generator size. Contact your local stand by power supplier for more details.

Contact us now to discuss your project and estimate the savings you can realize with the ALC Lift-Pac™ System.
