



ENERGY  
SOLUTIONS

## COMPREHENSIVE ENERGY OPTIMIZATION SOLUTIONS

for ESCOs, Utility-driven Programs & Energy Retrofits

# DRIVE UP

Drive Readiness Installation Verification Exactness = **UP** Time

The RES **DRIVE UP** Program is a unique program designed to decrease downtime and allow for minimal start up assistance for installation of VFDs. The program originated from clients' requests to have VFDs "ready to go," for quick and easy installation.

**DRIVE UP** addresses two main concerns when replacing an 'older' or 'spare' VFD on a critical application: the pre-programming of the original VFD parameter sets, and reforming/refresh of the capacitors on new VFD Installations.

**DRIVE UP is a drive readiness program that decreases downtime and allows for minimal start up assistance in two ways:**

- 1 Preparing older/spare VFDs for installation by reforming the capacitor banks to manufacture's specification, and/or
- 2 Pre-Programming **key** application parameters (both new and older VFDs) or **complete** parameter sets

## HOW DOES IT WORK?

- ✓ New VFDs (2 years old or less) will be powered up and the capacitors will be naturally reformed. VFDs over 2 years old will have the capacitors reformed using a DC power supply,
- ✓ Electrical connections will be checked and inspected, and all VFDs will be powered up normally and pre-programmed with customer preset lists.
- ✓ When finished, all VFDs can be load tested if customer requests (recommended). Drives will normally be worked on as NON-EMERGENCY basis.
- ✓ Incoming VFDs may have defective components initially, and these will be quoted at an additional charge. (Manufacturer warranty will apply for a period of 1 year on work performed).
- ✓ An RES **DRIVE UP** sticker is attached showing work performed and dated for future tracking purposes.
- ✓ Recommendations are given regarding time period to repeat the process of 'reforming' if the VFD is stagnant/not in use, for an extended period.
- ✓ A service report is provided for each drive.

## NATIONAL MOTORS & DRIVES SPECIALIST

RES Technical Specialist specifically focused on Motor & VFD solutions for both small business and large C&I applications.

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