

**The Technology Consortium, Ltd. – The *HELP* System**

**APPLICATIONS**



The *HELP System's* Smart-Microprocessor is the refinement that optimizes VFD motor controls.

Ideal applications for The *HELP System* are:

- HVAC Units
- Chiller Pumps
- Air-handlers
- Compressors
- All 3-phase motors



**TECHNOLOGY**

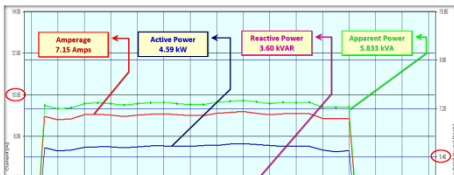
**OBJECTIVE:** The *HELP (High Efficiency Local Processor) System* will Reduce your Energy Costs 30-50%! Our New Smart Microprocessor-Algorithm VFD motor control Technology optimizes motor operation!

**BENEFITS:**

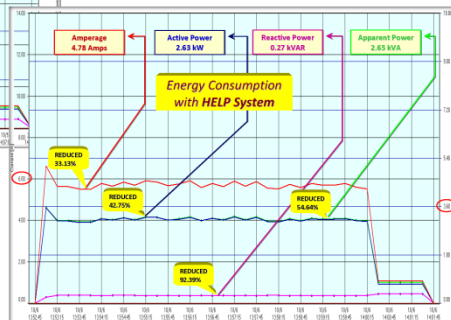
- The *HELP System* Retrofit does not require replacing any existing equipment and can easily be transferred to new equipment!
- Fuzzy-logic and stepless controls optimize your savings!
- Power conditioning protects motors from any harmful effects!
- Bypass circuits protect your equipment from abnormal power conditions and allows your process/equipment to remain in service without interruption!

**SPECIFICATIONS & TRL**

- **Technology Readiness Level 9 (as of 9/30/07)**



These charts show the dramatic energy reduction and power conditioning effects of the *HELP System*



The *HELP System* constantly monitors the process to optimize and adjust the motor speed.

**COMPANY & PARTNERS**

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