



MOTOR DYNAMICS, LTD
Products and Services

Re: Services and products offered by **Motor Dynamics, Ltd.**

- 1) Empath energy efficiency evaluations
- 2) Empath Predictive Maintenance programs
- 3) Power Quality data collection and analysis
- 4) **IMC System** for Power Quality, (Automatic Voltage Regulator & Elspec)
- 5) **IMC System** for water from air, (new product just available)
- 6) **IMC System** for refrigeration, (Intelligent controller and RMS1)
- 7) **IMC System** for power conditioning, (transformers to mitigate voltage distortion and transients)
- 8) **IMC System** for air conditioning, (Intelligent controller and Hy-Save)
- 9) **IMC System** air handlers
- 10) Lighting systems, MetroLight & Max Lite
- 11) Electric motor efficiency test and Motor Master + 4.0 software analysis
- 12) Grounding tests, while plant is operating! Special test equipment cable of conducting thorough testing of all grounding rods and grounding cable!
- 13) Certified LEED accredited professional and member of **U.S. Green Building Council.**

Products:

Power Engineers	AVR
Elspec	Capacitors
Staco Energy	Capacitors, AVR's and power conditioners
Empath 2000	Test equipment
Electro Industries	PQ meters
Air~Water	Converts air to pure water, coupled with solar panels
Gates	Poly Chain drives for high efficiency
Motor Master + 4.0	Software to analyze motor energy consumption
RMS1	Refrigeration enhancement device
IntelliCon	Intelligent controller for heating, a/c and refrigeration
Maxlite	Energy savings lighting systems
MetroLight	Lighting system capable of 60-70% savings over HID lights
Motortronics	Soft starts and VFD's

Empath energy efficiency evaluation fees:	\$1,500.00 per day
Power Quality data collection fees:	\$5,000.00*
Energy Audits	\$500.00 per day
Refrigeration & AC training and certification for RMS1 & CA1	\$500.00 per day
Predictive Maintenance programs established	\$1,000.00 per day
Air Handlers efficiency evaluation	\$1,500.00 per day**
Electric bill analysis	\$500.00 one time fee

*The \$5,000.00 fee includes installation of one PQ meter and 30 days of data collection. This data will be collected and analyzed with recommendations provided!

**This service requires use of the Empath 2000 and therefore is \$1,500.00 per day!