

## imPulse™

### NEWS RELEASE

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### **New imPulse™ Motor for Hot Tubs Offers Instant Demand Reduction for California Utilities.**

*Installing 1.5 million would reduce the demand equivalent of two power plants.*

**Sacramento, CA**—Marathon Electric Commercial Motors today unveiled its imPulse motor for residential hot tub applications. Slated for full production later this year, the new motor, if installed broadly, has the potential to save the state of California up to two power plants' worth of electricity each year.

By consuming up to 64% fewer watts than a standard permanent split capacitor induction motor when producing the same flow as a circulation pump motor, imPulse instantly reduces the required standby power of hot tubs. On a larger scale, if all 1.6 million hot tubs installed an imPulse, Californians could reduce electricity demand by more than two full power plants. The imPulse product line is scheduled for release in May 2008.

"Energy consumption in the pool and spa market is becoming a focal point for California," said Tim Harris, Marathon Electric Commercial Motors business leader in charge of imPulse. "If the legislation enacting the Title 20 legislature could specify using variable speed motors such as imPulse, consumers and utilities could benefit from reduced standby power consumption and reduced CO<sub>2</sub> emissions."

The motors are made with the same field-proven ECM technology that has been used for more than 20 years in new high-efficiency HVAC equipment. The imPulse represents an expansion of this innovative technology to the hot tub market, where the emphasis on reductions in energy consumption is strengthening.

There are about 1.63 million hot tubs installed residentially in California, according to PK data. When imPulse is used as a circulation pump motor, it saves 64% of energy consumption. A typical hot tub runs nearly 22 hours on circulation mode and with an operating savings of 100 watts per hour per motor installed, imPulse has a potential to save overall power demand by 1.3TWh each year (see attached energy calculations). The imPulse motor is available for hot tubs of any size or make and currently must be installed during OEM production. An aftermarket replacement product is scheduled for release by March 2009.

*Marathon Electric Manufacturing Corporation is a subsidiary of Regal Beloit Corporation (NYSE: RBC). Regal Beloit Corporation is a leading manufacturer of mechanical and electrical motion control and power generation product serving markets throughout the world. Regal-Beloit Corporation is headquartered in Beloit, Wisconsin, and has manufacturing, sales and service facilities throughout the United States, Canada, Mexico, Europe and Asia. For more information about Marathon Electric, visit the company's website at [www.marathonelectric.com](http://www.marathonelectric.com).*