



## M3 Metals Scraps High Energy Bills with Energy Efficiency Improvements

As a scrap metal processor in Southern California, M3 Metals utilizes a significant amount of machinery to process non-ferrous and specialty alloy scrap metals on a regular basis. M3 Metals has heavy machinery operating around the clock, therefore their electricity use is high, meaning monthly energy bills are expensive.

Steve Lodge, Vice President of M3 Metals, quickly realized the need to analyze the facility's energy usage and determine ways to cut back.

"I learned about a program called Energy Challenger™ through San Diego Gas & Electric® that allowed me to easily take a look at our energy usage and quickly implement energy efficiency into our everyday activities," said Lodge. "Energy Challenger allowed us to keep energy efficiency top-of-mind and always look for ways to cut back on our energy usage."

In October 2007 M3 Metals participated in Energy Challenger, an interactive Web application that helps customers self-assess and prioritize their energy needs and then link these priority needs with clear solutions. The program allowed M3 Metals to do a 10-minute survey regarding their facility and current energy usage, and immediately provided a report detailing various energy efficiency items that M3 Metals could implement, most of which were low-cost.

After receiving the report, M3 Metals implemented the following energy efficiency practices:

- Replaced their old-fashioned T-12 fluorescent lights with new energy-saving T-5 lamps
- Turn off machinery when not in use, including a metal analyzer, conveyor belt, plasma torch and air compressor
- Installed motion sensors
- Use the efficiency mode on their air conditioning unit
- Encourage and remind all employees to be mindful of their energy use whenever possible

"Since we made energy efficiency improvements, we've noticed a reduction in our electric bill which helps our bottom line, but even better, we're doing our part to help the community and environment," said Lodge.

For more information on Energy Challenger, please visit:

[http://www.envinta.com/media/Energy\\_Challenger.htm](http://www.envinta.com/media/Energy_Challenger.htm)

**About M3 Metals:** M3 Metals is a buyer, processor, broker, and recycler of all types of scrap metals. We buy stainless steel, nickel and cobalt alloys, copper, brass, aluminum, titanium, molybdenum, tungsten as well as ferrous scrap metals. Non-ferrous scrap metals are our specialty. M3 Metals has the transportation and logistics skills to process non-ferrous and specialty alloy scrap metals on a regular basis for customers throughout southern California. M3 Metals is a direct supplier to local mills, smelters and foundries. For more information, visit [www.m3metals.com](http://www.m3metals.com).