ENVIRONMENTAL LEADERSHIP AWARD 2007
October 2, 2007

Chrysler Environmental Leadership Award Ceremony

For the sixth year Chrysler will recognize the outstanding environmental achievements of our employees and external partners with the Environmental Leadership Award.

Congratulations, your project has been selected as one of the Top 10 Finalists in this year's competition!

We are therefore pleased to invite you to the Chrysler Environmental Leadership Award Ceremony, at the Royal Park Hotel in Rochester Hills on November 2, 2007 from 5:00 p.m. to 10:00 p.m.

You will be honored to note that this year we received over 130 projects worldwide. All of these projects contributed to the improvement of our company's environmental performance. A selection committee, consisting of high-ranking internal and external executives, selected the Top 10 finalists including the six winning projects.

We look forward to honoring you on November 2nd.

Robert L. Nardelli
Chairman & CEO

Thomas W. LaSorda
Vice Chairman & President
Welcome to the first Chrysler Environmental Leadership Awards. We have a long-standing commitment to environmental excellence, dating back to the 1990s with the Chrysler Continuously Honors Environmental Excellence with Recognition (CHEER) Award. This tradition continues today as we work to return to profitability and reclaim our rightful place in the auto industry.

To guide our efforts, the leadership team has developed five business fundamentals. One of these fundamentals is "Be Green." For many of you, this is nothing new; you've been green for many years. We can see this environmental consciousness in many ways, such as the growth of green lifestyle products, clothing, food and even construction materials.

As a company, we are supportive of initiatives to improve our environmental footprint at every level. We are sensitive to fuel consumption and emissions, and we continue our green commitment at our manufacturing facilities and supply chain.

In many ways, this year's ELA Finalists have set an excellent example for the rest of the company to follow. You've created innovative green solutions to some extremely difficult challenges. I'm certain that your work will become an inspiration and a model for other Chrysler employees as we work to make this company even more green.

Congratulations to all of you. You deserve it.

Sincerely,

Bob

Tom

Jim
Robotic Application of MFDC Resistance Spot Welder

Project Team
Mr. Robert Barstead
Mr. Mark Baule
Mr. Daniel Cerjanec
Mr. Mark Garnett
Mr. Douglas Gouin
Dr. Wei Li
Mr. James Norman
Mr. Michael Parker
Mr. Daniel Whelpley
Dr. Edmund Yuen

Short Description
A pilot project in 2005 had proven that mid-frequency direct current (MFDC) resistance spot welding is a viable and attractive alternative to conventional pneumatic single phase alternating current (SPAC) welding. In 2006, pilot studies were carried out in WSP and SHAP using constant heat control (CHC) and servo actuated adaptive control systems (SAACS) to demonstrate that the MFDC technology can be implemented in robotic applications.

Results
The primary goals such as durability in a production environment, system robustness to produce consistent weld nugget size and quality, no weld expulsion and noise reduction were successfully accomplished. Based on measurements on the primary side the energy usage was ~ 47% less in MFDC-CHC than in SPAC welding operations which translates into an estimated $0.61 per car. MFDC-CHC welding has been implemented in SHAP, BVAP and is being transferred to other Chrysler facilities.