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Eltron Research & Development Awarded Six Grants from DOE

BOULDER, CO (June 22, 2009) — Eltron Research & Development today announced that the company has been selected by the Department of Energy to receive six Small Business Innovation Research (SBIR) Phase I grants in response to the FY 2009 SBIR and Small Business Technology Transfer (STTR) Program Funding Notice, which closed on November 24, 2008.

“The DOE is a very important agency for us, having funded one-third of all of our SBIR Phase Is over the years as well as a number of larger, non-SBIR projects. The competition was stiff again this year. We focused on fewer but more high-quality proposals, which resulted in our highest success rate ever with the DOE.”

The SBIR and STTR programs are designed to enable scientific and technical entrepreneurs to take on the risk associated with exploring new ideas, risk that established industrial entities are usually not willing to embrace. Each Phase I DOE grant is for as much as \$100,000; each program is expected to run for approximately nine months. About half of Phase I projects lead to Phase II awards, which provide funding of as much as \$750,000 each and cover two years of research.

Spanning advancements in clean energy generation to more efficient water treatment, the topics selected for funding are:

- Polymer-Zeolite Membrane for Air Separation
- An Approach for Enhancement of In-Gasifier Production of Methane
- Molecular Separations Using Micro-Defect Free Ultra Thin Films
- First Principles Identification of New Cathode Electrocatalysts for Fuel Cells
- Perovskite Catalysts for Solid Oxide Fuel Cell Cathodes
- Unconventional High Temperature Nanofiltration for Produced Water Treatment

“I’m extremely proud of the scientists individually and my team as a whole for their exceptional performance,” added Grimmer. “We are producing novel ideas and presenting them well. And we are mindful that our success will be measured by the performance of our technologies in the marketplace, where solving difficult problems requires understanding the economics and engineering as well as the science.”

About Eltron Research & Development

Eltron Research & Development Inc. commercializes novel technologies involving energy, chemicals, advanced materials and environmental systems.

Eltron has received numerous grants in its 26-year history. The company has over 70 patents and patent applications, of which more than 25 are licensed. In early 2007, Eltron spun-off a new company, Eltron Water Systems LLC, to commercialize water treatment and disinfection technology first developed by Eltron with support from SBIR funding. Eltron also formed an affiliate, Continental Technologies, in late 2007; Continental Technologies provides custom process equipment fabrication services for fuels, chemicals, catalysts and polymers development, scale-up and production.