



PRESS RELEASE
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**EXERGY TECHNOLOGIES INTRODUCES NEW WATER
RECOVERY TECHNOLOGY FOR INDUSTRIAL APPLICATIONS**

January 25, 2002, IRVINE, CA -- Exergy Technologies Corporation (Exergy or the Company), a leader of innovative membrane separation technologies for industrial process applications, announced that it has developed a new wastewater recovery approach using Continuous Electrodeionization (CEDI) technology. Exergy's patent pending approach utilizes CEDI technology to recover wastewater from industrial wet processes such as metal plating and printed circuit board fabrications. Exergy utilizes the CEDI developed by Electropure, Inc. (Laguna Hills, CA) under an OEM license.

This technology allows Exergy to further advance industrial wastewater recycling and recovery in industrial applications using membrane technologies.

Exergy has completed in-house and pilot field studies of the technology. The results of the pilot tests show that wastewaters from common industrial rinsing operations containing heavy metals can be successfully separated and treated with CEDI. Recovered rinse waters can be reused and the separated metals can be recycled on-line or sent off-site for reclamation.

The Company is planning to introduce the product under the title of “Advanced Electrodeionization” (ADI). The Company has planned the official launch of ADI Recycling skids immediately. The Company reports that this innovation allows for a cost-cutting approach to common industrial process recycling applications, where historically many technologies such as ion exchange have failed to produce widespread adoption. Ms. Yazdani, President and CEO of Exergy, states, “ADI does not present the historical drawback of the ion exchange technology, because there is no need to regenerate the system with additional chemicals. It is our view that in the long term, ADI will replace the ion exchange technologies in the long run in a number of recycling and closed-loop process systems. The impressive test results from this effort show that ADI is a very viable technology in industrial applications.

“Our tests have confirmed that ADI can help to close-loop on industrial processes, by reducing the need for wastewater treatment, waste management and disposal costs for many customers in manufacturing industries. The technology provides high quality process water for reuse in the manufacturing processes at all times, avoiding the need for ion exchange or other additional pure water generation in the plant,” adds Ms. Yazdani.

The Company is planning to launch the product in a number of high water-using industries, such as semiconductors, printed wiring board, metal, aerospace, electronics, and others.

For more information about this unique technology, please contact Ms. Melinda Weinrich, Marketing Coordinator at Exergy Technologies Corporation.