



**Press Release
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FOR MORE INFORMATION, CONTACT:**

Business Development, 949-709-7800

**SOUTHERN CALIFORNIA FIRM LAUNCHES INNOVATIVE
MEMBRANE TECHNOLOGY FOR ACID RECYCLING
TECHNOLOGY IN INDUSTRIAL USES**

January 25, 2002, Irvine, CA – Exergy Technologies Corporation, a membrane separation system company with products focused in industrial recovery and recycling applications, has announced successful completion of the first installation of its exclusive acid recycling technology, Diffusion Dialysis. Exergy was able to carry out successful pilot studies of the technology in early 2001, utilizing exclusive design for the skid and patent-pending “One-Piece” Spacer Technology.

Funding support for the project was provided, in part, by Anaheim Public Utilities through its Innovative Energy Technologies (IET) program. The IET program provides up to \$100,000 in incentives to Anaheim’s commercial and industrial customers who propose energy-related efficient, renewable and product development projects that qualify under the program.

“We are very pleased with the performance of the technology since startup at Precision Anodizing and Plating. The facility has enjoyed the benefits of the clean acid baths, reduced cost of acid and waste treatment, and improved product quality since the installation of the Diffusion Dialysis system.

We are planning to introduce the technology to other anodizing and acid-using industries nationwide.” announced Azita Yazdani, President and CEO of Exergy.

Exergy reports that the cost-cutting acid recycling system has shown significant results in removal of contaminants from acid baths. The technology will allow companies to reuse and rejuvenate their acid baths without need for costly waste treatment and disposal. In addition, test results have shown that Diffusion Dialysis results in **impressive energy savings** in sulfuric acid anodizing specifications. Pilot test results have shown that the amount of energy used in anodizing baths increases as pollutant metal concentration levels (such as aluminum) increase in the bath. It is estimated that **half of the energy consumed is saved** when using a Diffusion Dialysis system. This is substantial in today’s economic and energy environment.

The Company will market the product initially in a number of high-acid using industries, such as metals, aerospace, electronics, and semi-conductors.

**For more information about this unique technology, please contact:
Ms. Tina Quiroz, Business Development Coordinator at Exergy
Technologies Corporation: 949-709-7800**