

## INVESTMENT FIRMS, EMERGING TECHNOLOGY COMPANIES AND SERVICES IN THE ELECTRIC INDUSTRY

### SAMPLE PAGES

This InfoGrid provides information on emerging technologies in the energy industry. In the first column, entries are listed alphabetically by company name, with additional details on the technology activity noted on the entry row. New developments and changes will be tracked and entered as they occur. Entries under "Company Name" are shaded if new information has been added since the previous edition of this InfoGrid, with the new additions highlighted for ease in locating the latest data. (More details on specific on-line ventures and business-to-business activities and programs can be obtained from SCIENTECH's E-Commerce InfoGrid). For business plan creation, review, and investor introductions please contact client services; 1-505-244-7600, toll free 1-888-972-8676 or email [research@scientech.com](mailto:research@scientech.com).

Date revised 3/1/2002

Company Name	Description of Activity	Funding	News, Additional Information
<p><b>300° Below Cryogenic Tempering Services, Inc.</b> 2999 East Parkway Drive Decatur, IL 62526 (217) 423-3070 <a href="mailto:cryo300@midwest.net">cryo300@midwest.net</a></p> <p>Technology: High-tech freezing technology</p> <p>Start date: 1966</p>	<p>The company developed a unique application of deep cryogenic treatment using computer controlled temperature change rates, extended soak periods, and a dry cooling process utilizing flashed liquid nitrogen as a cooling medium, thereby reaching temperatures below -300° F.</p> <p>The method, which improves the ability of material to withstand abrasive wear by causing distinct changes in an object's microscopic structure, is under strong consideration by the utility industry as a means of freezing power plant components that will extend wear and reduce maintenance at power plants.</p>	<p><b>Private</b></p>	<p>10/2001 Ultra-cold could help freeze plant repairs. <i>Power Engineering</i></p>
<p><b>Acumentrics Corporation</b> 14 Southwest Park Westwood, MA 02090 (781) 461-8251 or 1-800-332-0277 <a href="http://www.acumentrics.com">www.acumentrics.com</a></p> <p>Technology: UPS</p> <p>Start date: 1994</p>	<p>Developer and manufacturer of energy technologies that include solid oxide fuel cells and composite flywheels which draw on solid background in UPS design. Also cited is improvement of incoming power quality and on-site generation at lower cost and high reliability.</p>	<p><b>Private</b></p> <p>Investor Alliances: -General Dynamics -NE Utilities/ConEd -Morgan Stanley Dean Witter -Texaco Energy Systems</p>	<p>1/14/02 <b>Acumentrics Corp</b> and <b>NiSource Inc.</b> announced the signing of a stock purchase agreement and a distribution and product purchase agreement. Under the terms of the stock purchase agreement, <b>NiSource Energy Technologies Inc.</b>, a subsidiary of NiSource Inc., acquired approximately a 3 percent stake in Acumentrics.</p> <p>9/28/01 General Dynamics first of its kind fuel cell from <b>Acumentrics</b>.</p> <p>6/25/01 <b>Acumentrics</b> demonstrates power technology to US Sec'y. of Energy Abraham.</p> <p>1/24/01 <b>Acumentrics Corporation</b> names Thomas W. Philbin, PhD as Senior Vice President.</p>

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<p><b>DeMarco Energy Systems of America, Inc.</b> 12885 Highway 183 North, Suite 108-A PO Box 201057 Austin, TX 78720 (512) 335-1494 <a href="http://www.demarcoenergy.com">www.demarcoenergy.com</a></p> <p>Technology: Geothermal heating/cooling system</p> <p>Start date: 1978</p>	<p>The Company's patented geothermal design works to connect the <b>DeMarco Energy Miser System</b> to the municipal water supply without breaching the integrity or quality of water.</p>	<p><b>Public (OTC BULLETIN BOARD: DMES)</b></p>	<p>2/25/02 <b>DeMarco</b> completes terms for \$4 million dollar line of credit.</p> <p>1/23/02 <b>DeMarco Energy</b> expands into traditional ground loop geothermal.</p> <p>12/19/01 <b>DeMarco</b> completes product release to Florida heat pump representatives.</p> <p>11/20/01 <b>DeMarco Energy</b> accepted as a 'Rebuild America' Partner.</p> <p>11/8/01 <b>DeMarco Energy Systems of America, Inc.</b> completes sale at South Dakota Community Center.</p> <p>3/19/01 <b>DeMarco Energy Systems</b> signs master contracting agreement with leading national energy service company.</p> <p>11/28/00 <b>DeMarco Energy</b> earns design – win for South Dakota Community Center.</p> <p>11/14/00 <b>DeMarco Energy</b> names new vice president of sales.</p>
<p><b>DTE Energy Technologies, Inc.</b> 37849 Interchange Drive Suite 100 Farmington Hills, MI 48335 (877) 383-2411 <a href="http://www.dtetech.com">www.dtetech.com</a></p> <p>Technology: Mini-turbines, fuel cell generators, and power quality products</p> <p>Start date: 1998</p>	<p>Development of products and services to address the energy-related problems of commercial, residential and industrial customers. Among these are energy systems that provide both on-site power and stand-by generation.</p>	<p><b>Public (NYSE : DTE)</b>  <b>unregulated subsidiary of DTE Energy Company</b></p>	<p>1/8/02 <b>DTE Energy Technology</b> implements <b>Silicon Energy's</b> technology to provide distributed generation resources management services.</p> <p>9/7/01 <b>DTE Energy</b> chairman to open DG Conference Monday; will discuss advent of hydrogen economy.</p> <p>8/30/01 Plug Power Inc. announced that it has finalized new agreements with GE Fuel Cell Systems, L.L.C. (GEFCS), GE MicroGen, Inc. (GEMG), GE Power Systems Equities (GEPS Equities) and DTE Energy Technologies (DTE) in line with the Memoranda of Understanding announced earlier this year.</p>
<p><b>Dynetek Industries Ltd.</b> 4410-46<sup>th</sup> Avenue SE Calgary T2B 3N7 Canada 1-888-396-3835 <a href="http://www.dynetek.com">www.dynetek.com</a></p> <p>Technology: Fuel cell vehicle technology</p> <p>Start date: 1990</p>	<p>Developer/producer/marketer of the DyneCell advanced fuel storage system for storing compressed hydrogen used in zero emission fuel cell vehicles.</p>	<p><b>Public (TSE: DNK)</b></p> <p>Investors: <b>-Kokan Drum</b> <b>-Marubeni</b></p>	<p>11/23/01 <b>DI Ltd.</b> closes \$2.2M private placement.</p> <p>11/20/01 <b>DI</b> showcased at Michelin challenge.</p> <p>11/15/01 <b>DI</b> enters into strategic relationship with Japanese partner.</p> <p>10/1/01 <b>DI</b> supplies storage systems to Cummins Wesport Inc.</p> <p>7/5/01 <b>DI Ltd.</b> Establishes a production plant in Germany.</p> <p>6/25/01 <b>DI Ltd.</b> announces significant order for Japanese vehicle market.</p>

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<p><b>Io Energy LLC</b> 1925 North Lynn Street Suite 1050 Arlington, VA 22209 (703) 373-0161 <a href="http://www.ioenergy.com">www.ioenergy.com</a></p> <p>Technology: Energy information provider</p> <p>Start date: 2002</p>	<p><b>Io Energy</b> was started by a veteran group of energy news and pricing pros that believe the best way to provide in-depth and complete coverage of power markets is to employ teams specializing in each region that produce focused, regional products. Its North American products will then be based on deeper market intelligence from every region.</p> <p>Its first products, <i>Power Daily Northeast</i> and <i>Power Daily Northeast Midday</i>, will cover the mid-Atlantic and Northeast markets and surrounding markets.</p>	<p><b>Private</b></p>	<p>2/7/02 <b>Io Energy</b> partners with Financial Engineering Associates to provide power price volatility metrics.</p> <p>2/4/02 <b>Io Energy</b> launches <i>Power Daily Northeast</i>, a newsletter devoted to coverage of mid-Atlantic and northeast electric power markets.</p> <p>2/1/02 Former FT Energy/Platts managers launch new energy information company – <b>Io Energy</b>.</p>
<p><b>iPower Technologies, LLC</b> 2902 Enterprise Drive Anderson, IN 46013 (765) 683-3750 <a href="http://www.ipowertechnologies.com">www.ipowertechnologies.com</a></p> <p>Technology: Distributed generation products</p> <p>Start date: 2001</p>	<p>A developer of distributed generation systems that combine an efficient engine and generator with electronic controls to produce continuous on-site electric power. Product line includes the 10kW Quick Turbine, high-efficiency permanent magnet generators and power electronics.</p> <p>For hybrid vehicle systems, <b>iPower</b> will provide development support for Delco Remy's partnership with A.G Continental on the integrated starter alternator damper system. The company will focus on automotive hybrid traction motors and advanced power electronics. In addition to these products, the company will also provide systems integration services for both markets.</p>	<p><b>Private</b></p> <p><b>(jointly owned by AeroVironment and Delco Remy International)</b></p> <p>Investors: (Combined \$14M in first round of funding) -<b>AeroVironment</b> -<b>Delco Remy International</b> -<b>DTE Energy Technologies</b> -<b>EDVenture Capital Corporation</b></p>	<p>2/22/02 <b>iPower Technologies</b>, developer of distributed generation systems that combine an efficient engine and generator with electronic controls to produce continuous on-site electric power, announced the closing of \$14M in a first round of funding. DTE Energy Technologies and EdVenture Capital Corp., both subsidiaries of DTE Energy, led the financing.</p> <p>1/22/01 Delco Remy, Aero Vironment introduce <b>iPower Technologies LLC</b>; focus of new company is distributed generation and hybrid electric vehicles.</p> <p>3/29/01 <b>iPower Technologies LLC</b> and DTE Energy Technologies to introduce new electrical power systems.</p>
<p><b>L4 Solutions, Inc.</b> 1718 Delancey Place Philadelphia, PA 19103 (215) 450-7535 <a href="http://www.L4solutions.com">www.L4solutions.com</a></p> <p>Technology: Information Technology (leadership solutions/decision-making tools)</p> <p>Start date: 2000</p>	<p><b>L4 Solutions</b> provides leadership solutions and decision tools to the executives of leading utilities.</p> <p>The company's software and consulting products assist executives in pipes, wires and wireless companies in decision-making processes, organizational design, employee performance and executive asset management tools.</p>	<p><b>Private</b></p>	

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<p><b>PowerSecure, Inc.</b> 968 Jones Wynd Wake Forest, NC 27587 (919) 570-5292 <a href="http://www.metrotek.com">www.metrotek.com</a> (see also Metrotek Technologies, Inc.)</p> <p>Technology: Distributed generation</p> <p>Start date: 2000</p>	<p>Designer and builder of distributed generation systems for industrial and commercial users and suppliers of natural gas and electricity.</p>	<p><b>Public (NASDAQ: MTEK)</b>  <b>subsidiary of Metrotek Technologies, Inc.</b></p>	<p>1/8/02 <b>Metrotek Technologies, Inc.</b> announced that <b>PowerSecure, Inc.</b> has been awarded contracts for two distributed generation systems that together are valued at approximately \$1.4 million.</p> <p>11/13/01 <b>Metrotek Technologies, Inc.</b> announced that a large industrial customer has contracted to purchase a distributed generation project to be designed and installed by its wholly owned subsidiary <b>PowerSecure, Inc.</b></p> <p>10/5/01 <b>Metrotek Technologies Inc.</b> announced that a large industrial customer has contracted to purchase a distributed generation project to be designed and installed by its wholly owned subsidiary, <b>PowerSecure, Inc.</b></p> <p>9/19/01 <b>PowerSecure</b> announces new distributed generation project.</p>
<p><b>Powerspan Corporation</b> 54 Old Bay Road PO Box 219 New Durham, NH 03855 (603) 859-2500 <a href="http://www.powerspancorp.com">www.powerspancorp.com</a></p> <p>Technology: New energy technologies</p> <p>Start date: 1994</p>	<p>Development and commercialization of proprietary technology for the competitive power industry. The company's core product, Electro-Catalytic Oxidation (ECO) provides the functionality of four separate emission control technologies in a single integrated system and produces valuable byproducts that become feedstock for other industrial processes.</p>	<p><b>Private</b></p> <p>Investment partners:  <b>-FirstEnergy Corporation</b>  <b>-The Beacon Group</b>  <b>-American Electric Power</b>  <b>-Zero Stage Capital</b>  <b>-Calvert Group</b></p>	<p>2/7/02 <b>Powerspan Corp.</b> has entered into a partnership agreement with <b>AmerenUE</b>. AmerenUE has joined the ECO Development Partner Program to further the testing and deployment of ECO(TM) technology. <b>Powerspan's</b> patented multi-pollutant control system designed for coal-fired power plants.</p> <p>11/30/01 <b>Powerspan Corporation</b> to move multi-pollutant control demonstration at FirstEnergy.</p> <p>6/19/01 The U.S. Department of Energy announced that <b>Powerspan Corp.</b> will receive funding to study the mercury removal capability of electro-catalytic oxidation™ (ECO) technology. ECO is a cost-effective, multi-pollutant control process designed to reduce smokestack emissions from coal-fired power plants that contribute to mercury contamination, respiratory problems, ozone production, and acid rain.</p>
<p><b>PowerSpring</b> 600 17<sup>th</sup> Street, Suite 800 North Denver, CO 80202 1-800-293-5535 OR (303) 825-2300 <a href="http://www.powerspring.com">www.powerspring.com</a> (see also Metrotek Technologies, Inc.)</p> <p>Technology: AMR and related services</p> <p>Start date: 2000</p>	<p>Provider of AMR products and services to utilities, energy service providers and energy marketers. Through this technology, commercial and industrial energy customers can view and analyze their natural gas and electrical usage at any time on the Internet through a secure, personalized portal.</p>	<p><b>Public (NASDAQ: MTEK)</b>  <b>subsidiary of Metrotek Technologies, Inc.</b></p>	<p>4/10/01 <b>PowerSpring</b> acquires Industrial Automation.</p> <p>4/4/01 <b>Metrotek, Inc.</b> and Gasmark to test-market <b>PowerSpring</b> energy management software.</p>

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Venture Company	Investment Areas	Representative Companies
<b>Avista Ventures</b> 1313 North Atlantic Spokane, WA 99202 (509) 228-6672  <a href="http://www.avistacorp.com">www.avistacorp.com</a>	Communications Technology	<b>Avista Communications</b> <b>Avista Labs</b> <b>EnerTech Limited Partners II</b> <b>Metering Technology Corporation</b> <b>Woodside Fund</b>
<b>Avistar, Inc.</b> 555 Twin Dolphin Drive, 3 <sup>rd</sup> Floor Redwood Shores, CA 94065 (650) 610-2900  <a href="http://www.avistar.com">www.avistar.com</a>	Technology	<b>MainStreet Networks</b> <b>Nth Power Technologies</b>
<b>Awatea Holdings (Fletcher Challenge)</b> Private Bag 92 114 Auckland, New Zealand 1-800-361-0800 or (649) 525 9000  <a href="http://www.fcl.co.nz">www.fcl.co.nz</a>	Building/construction Energy Forests Technology	<b>Capstone Turbine Corporation</b> <b>Petrocorp</b> <b>Petroz NL</b>
<b>AVI Capital</b> One First Street, Suite 2 Los Altos, CA 94022 (650) 949-9862  <a href="http://www.avicapital.com">www.avicapital.com</a>	Communications Software Technology	<b>nCommand</b> <b>Intraspect Software, Inc.</b> <b>PointBase, Inc.</b>
<b>BA Venture Partners</b> 950 Tower Lane Suite 700 Foster City, CA 94404 (650) 378-6000  <a href="http://www.baventurepartners.com">www.baventurepartners.com</a>	E-Commerce Software Technology	<b>Esurg.com</b> <b>Moonlight Systems</b> <b>OuterBay Technologies</b> <b>Pavilion Technologies</b> <b>Tonic Software</b> <b>Waveport, Inc.</b>
<b>Bain Capital</b> Two Copley Place Boston, MA 02116 (617) 572-3000  <a href="http://www.baincapital.com">www.baincapital.com</a>	Communications E-Commerce	<b>DataChannel</b> <b>DataSynapse</b> <b>DealTime.com</b> <b>EHealthDirect, Inc.</b> <b>Eschelon Telecom, Inc.</b> <b>eTranslate</b> <b>Found.com</b> <b>HealthCare</b> <b>Integral</b> <b>Interpath Communications</b> <b>Intira</b> <b>iPhrase Technologies</b> <b>iWon.com</b> <b>more com, inc.</b> <b>Neffish Technologies</b> <b>NetLibrary, Inc.</b> <b>Profit Logic</b> <b>Recruitsoft</b> <b>Ritmoteca.com</b> <b>Rivus Internet Group</b> <b>Solect Technology Group</b> <b>UNIX, Inc.</b> <b>US LEC Corporation</b> <b>WebPutty, Inc.</b>