



## GROWING GREEN JOBS

by Ken Silverstein, Editor-in-Chief, EnergyBiz Insider

U pheaval spawns innovation. With the country in the midst of economic turmoil, it must now concentrate its resources on rebuilding enterprise and creating jobs. The mission is to increase the nation's energy mix and in doing so, bring down those prices.



Pessimism abounds, but the nation's energy future is perking up in the long-term. Predictions from all corners are that green energy's share of the generation pie will expand, all of which is now precipitated by a rapid growth in the level of clean technology investing. Indeed, the technologies that underscore wind, solar and energy efficiency

are winning market acceptance and have become among the best performers.

Now that the U.S. Congress has passed legislation that extends the tax breaks given to renewable investments, there's hope. Solar credits, for example, will be prolonged until 2016, which is something the industry says will create 440,000 new jobs and inspire \$230 billion in investments. The breaks given for certain efficiency upgrades will also be extended until 2009 while wind developers will receive a one-year production tax credit extension that is now valued at 2 cents per kilowatt-hour of electricity produced.

"Incentives work because they offset the initial purchase cost, while paving the way to greater energy savings down the road, which is good for consumers, the economy and the environment," says Stephen Yurek, president of the Air-Conditioning, Heating, and Refrigeration Institute.

Advocates of such government incentives also tout them because they generate jobs and all at a time when the global community is wrestling not just with economic troubles but also with a way reduce fossil fuel usage. According to the Worldwatch Institute, the renewables sector now employs globally about 2.3 million people. Germany, Spain and Denmark are leaders in this area, it says,

noting that this emanates from strong government support. With more progressive leadership across the globe – policies that push renewable energy and energy efficiency – it says that green jobs could expand by the millions in the decades to come. Its best case

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**NYSERDA**

New York State  
Energy Research and  
Development Authority

“ The Saratoga Technology + Energy Park® (STEP®) in Malta, NY is a premier knowledge community with significant resources for clean-energy and environmental technology companies to build and grow. The location makes it possible for companies to tap into a highly skilled workforce while taking advantage of NY State’s business climate and commitment to a clean energy economy. Now, STEP’s proximity to the GLOBALFOUNDRIES / AMD project creates even greater opportunities for synergy with other growing companies.

**NYSERDA’s programs** enable companies in New York State to take advantage of powerful Clean Energy and R&D and Manufacturing incentives. STEP is just one example of how NYSERDA is working to accelerate the development and commercial introduction of clean energy technologies in New York. ”

**Francis J. Murray, Jr.**  
President and CEO of NYSERDA

## GOVERNOR DAVID A. PATERSON APPOINTS FRANCIS J. MURRAY, JR. TO SERVE AS NYSERDA PRESIDENT AND CEO

On January 26, Governor David A. Paterson announced the New York State Energy Research and Development Authority (NYSERDA) Board of Directors had elected Francis J. Murray, Jr., as NYSERDA’s President and Chief Executive Officer.

Mr. Murray most recently functioned as Senior Advisor at Ecology and Environment, Inc., an environmental consulting firm, beginning in 1998. Prior to that position, Mr. Murray worked as Policy Advisor to the United States Secretary of Energy, assisting in the development of the Clinton Administration’s national energy policy. Earlier, Mr. Murray served as the New York State Commissioner of Energy and Chairman of the NYSERDA Board of Directors, then a statutory function of the State Energy Commissioner.

In 1985, Mr. Murray was appointed Deputy Secretary for Energy and the Environment, a position he held until 1992. He served from 1983 to 1985 as Assistant Secretary for Energy and the Environment in the administration of Governor Mario M. Cuomo, and began his work on New York State energy issues in 1980

as an energy and environmental policy advisor to Governor Hugh Carey.

Murray received his Bachelor of Science in Foreign Service from the Edmund A. Walsh School of Foreign Service at Georgetown University, and his Juris Doctorate from Georgetown University Law Center.

NYSERDA Chairman Vincent DeLorio, Esq. said “Mr. Murray’s leadership will be critical in helping NYSERDA implement Governor Paterson’s energy initiatives. His experience in energy-related matters will be equally helpful in our work and relationship with the federal government and private sector.”



Francis J. Murray, Jr.  
NYSERDA President and CEO

**STEP® – A PREMIER KNOWLEDGE COMMUNITY WITH SIGNIFICANT RESOURCES FOR CLEAN-ENERGY AND ENVIRONMENTAL TECHNOLOGY COMPANIES TO BUILD AND GROW.**

## NYSERDA ANNOUNCES NEW STEP PROGRAM MANAGER

The New York State Research and Development Authority (NYSERDA) welcomes Mitchell Khosrova as STEP Program Manager. Mr. Khosrova will oversee the economic development to attract and retain developers and businesses as well as manage efforts for site planning and site management. In addition, Mr. Khosrova’s duties will include communications with government officials and developing and managing outreach and marketing strategies with STEP’s partners.

Mr. Khosrova most recently worked in NYSERDA’s Legal Department. His responsibilities included the STEP program, in addition to research and development programs relating to clean technology and business development. He holds a Bachelor of Arts in Accounting and Economics from Queens

College and a Juris Doctorate from St. John’s University School of Law.

“I am very excited about my new role as Program Manager for STEP. Due to recent federal and state initiatives, the growth of the clean energy technology industry is rapidly evolving. I look forward to promoting STEP with our public and private partners as the premier destination for companies looking for strategic locations to build and grow in New York.”



Mitchell Khosrova  
STEP Program Manager

## GROWING GREEN JOBS (CONTINUED FROM PAGE 1)

scenario projects global wind power employment to increase to as much as 2.1 million in 2030 while solar photovoltaic job creation would generate as many as 6.3 million new jobs by 2030. A similar study sponsored by the United Nations' Environment Program pegs job growth in all renewable energy fields to be 20 million over several decades. It says such an expansion would be predicated on an aggressive, global approach to curbing greenhouse gas emissions. That would involve both a massive shift from fossil fuels to cleaner forms of generation as well as to cleaner burning forms of transportation fuel.

“Government officials now have yet another reason to put the full weight of their support behind renewables,” says Michael Renner, senior researcher for Worldwatch. “In addition to protecting our planet and phasing out an increasingly limited resource, policies that support renewable energy also support job creation.”

### BRIGHT SPOT

To be sure, the clean technology sector has had its ups-and-downs. In the early 2000 time period and during national economic downturn, investors retrenched. And the same thing could happen again given the current economic uncertainty. That is, venture capitalists and Wall Street may shirk at investing in nascent enterprises with huge debt ratios.

But as energy issues and specifically those centered on climate change gain an increasing share of public's attention, investment in green technologies, generally, should continue to grow. For its part, the corporate community is doing everything from building new energy efficient dwellings to retrofitting existing ones with modern equipment. Those companies are becoming part of the trend not just because they seek better ways to do business but also because they see it as beneficial to their own bottom line.

The global consulting firm Ernst & Young surveyed 150 global companies and found that 90 percent of them were involved with some type of climate change initiative. As such, those businesses had planned to spend a combined

\$276 billion over the next 10 years to achieve their objectives. Basically, a lot of firms that had been allocating investments to high-tech in the late 1990s are now creating clean tech divisions. GE, for example, has allocated \$2 billion just to its wind unit.

One of the consulting firm's previous studies had concluded that 51 percent of institutional investors – those with the deepest pockets – said that they sometimes or always consider companies' environmental policies before deciding whether to risk their capital. The nation's biggest pension fund, CalPERS, says that it is pumping \$200 million into clean energy technologies over the next several years.

Altogether, Ernst & Young says that clean technology ventures had grown from 1.6 percent of all investments in 2003 to 11 percent in 2008. Global venture capital investment in those assets is expected to exceed last year's record of \$3 billion. To accelerate investment, the firm says that more partnerships and collaboration is needed among multinationals, emerging clean-tech companies and governments. “It will be winter before it is spring,” says Scott Livingston, managing director for Axiom Capital in New York City. “The sun will come out again especially for those invested in green technologies.”

Times are definitely difficult, but the basic market fundamentals that lie beneath the energy economy are firmly established. It's about improving air quality, expanding fuel choices and mitigating price hikes. With the backing of their national governments, global enterprises are allocating more capital to clean technologies, all of which adds opportunities and jobs. It's the one bright spot in an otherwise dreary time.



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## WHAT'S NEW AT STEP®

**TEC-SMART** - Over the past six months, NYSERDA and HVCC staff, along with the design team of Perkins + Will (architects), Bergmann Assoc. (site civil engineers), and LeChase Construction Services, LLC (construction manager), have been working on the TEC-SMART site plan and building design. After extensive review, NYSERDA approved the project, which was presented to the Malta Town Planning Board on February 17 to favorable comments. The site clearing began in early March. Construction, slated to begin mid-March, with completion in mid-December. HVCC anticipates that the building will be open for classes in January 2010.

The building contains a number of sustainable features, including two 80-foot wind turbines that will greet visitors to TEC-SMART. There will be more than 24,000 sf of photovoltaic roof-top and ground-mounted arrays generating 62.5 kW of power, making it one of the largest PV systems in the Capital Region. A geothermal heat-pump and gray-water systems will be installed on site. The geothermal heat-pump system and wind turbines will not only generate power for the building, reducing its electricity consumption, but also will serve to train technicians. The parking area will be constructed of porous asphalt, allowing run-off to seep through the asphalt directly into the ground. This significantly reduces the requirements of an offsite stormwater management system and minimizes site disturbance.

Once completed, the TEC-SMART facility will serve as a model for future buildings at STEP.



*Training and Education Center for  
Semiconductor Manufacturing  
and Alternative and Renewable Technologies*

**Construction** - NYSERDA is extending water, sewer, gas, electricity, and telecommunications into the second neighborhood. This will allow for HVCC's TEC-SMART facility and future buildings to connect to utilities.

**STEP Master Planner** - Urban Strategies, Inc. of Toronto, Canada, has been awarded the STEP Master Planning Services contract. They will be involved in the development of STEP, from updating the Master Plan to advising on a host of issues, from building sites and materials to infrastructure and marketing. Urban Strategies credentials include master planning for the Clarington Energy Business Park, Clarington, Ontario.

**STEP Forester** - NYSERDA is pleased to announce that in response to RFP 1262, STEP Forest Management Services, Tommell & Associates has been awarded the forestry contract. Tommell & Assoc.'s forester, Peter Nichols, has more than 18 years of experience in the industry. He will review and update NYSERDA's forest stewardship plan, and will oversee any timber harvests, starting with the logging of Hudson Valley Community College's TEC-SMART site.

**STEP Surveyor** - In response to Professional Land Surveying Services (RFP 1261), NYSERDA has awarded the contract to CT Male and Associates, PC. CT Male will be responsible for a variety of surveying services, including creating metes and bounds descriptions, locating easements and rights-of-way, staking out development clearing limits, etc. Most recently, CT Male staff have been marking the clearing limits for the TEC-SMART building.

**Lights** - Pathway and intersection lights at STEP have been installed and are operational. In accordance with the STEP Design Guidelines, the lighting fixtures produce no glare or light pollution, and eliminate light trespass. The pathway lights are timed to turn off at 11:00 at night, allowing for evening and nighttime walks in the warmer weather, while the intersection and sign lights will stay on from dusk until dawn. In an effort to save electricity, only the pathway lights on upper Hermes Road have been turned on for the winter months.

**Signs** - Entrance signs, a gateway sign, and building location signs were installed last fall. Unfortunately, in November, the starburst sculpture at the gateway sign was vandalized, causing \$6,000 in damage. Though the event was reported to the state police and county sheriff, the culprit (or culprits) was never apprehended. NYSERDA's sign fabricator, H. Glaeser Signs, re-fabricated the starburst sculpture, replacing it in early January. With the gateway sign whole, the starburst and cubes lit-up at night, the effect is impressive.

## ELECTROVAYA RECEIVES INITIAL LICENSE PAYMENT FOR ELECTRIC CAR AND BATTERY PRODUCTION IN NORWAY

In October, Electrovaya (EFL: TSX) announced that it has received an initial payment of US \$1.3 million from Miljobil as partial consideration for a technology license enabling battery and electric car production at a new plant in Norway. Electrovaya is partnering with Miljobil to produce batteries and electric cars in Norway and providing its proprietary and award winning lithium ion SuperPolymer® battery technology to give Miljobil's four-door electric vehicles excellent range and highway speed. The zero emission electric vehicles will be sold in Europe as well as globally.

"We are delighted to develop a world-leading electric vehicle for the European and Global markets with Miljobil," said Dr. Sankar Das Gupta, Chairman of Electrovaya. "The demand for long-range highway-speed electric vehicles is large, and we expect Electrovaya's battery to be the enabling technology to bring electric vehicles into commercial success." Dr. Das

Gupta continued, "Electrovaya's lithium ion Superpolymer® battery has an unparalleled combination of energy density and power density that is necessary to give electric vehicles long driving range on a single charge, as well as acceleration and high-speed capabilities."

"Miljobil is delighted to license Electrovaya's technology and bring Miljobil's vision of electric cars to the global market" said Bjørn Nenseth, CEO of Miljobil. "Miljobil has over the years pioneered the use of electric vehicles in Norway and we are pleased to announce this new development in our ongoing partnership with Electrovaya."



## STEP COMPANY UPDATES

## THE BUILDING PERFORMANCE INSTITUTE, INC., (BPI) HAS A DYNAMIC YEAR

The Building Performance Institute, Inc., (BPI) is the nation's premier organization in providing building performance credentialing, quality assurance, and national-standards setting. BPI supports the development of a highly professional building-performance industry through individual and organizational credentialing and a rigorous quality assurance program.

BPI's certification, accreditation, and quality assurance services are recognized by the Home Performance with ENERGY STAR® program, a collaborative national initiative co-sponsored by the U.S. Environmental Protection Agency and the U.S. Department of Energy to bring about systematic improvement to the performance of the nation's 120 million existing homes.

In 2008, the Building Performance Institute Inc. had an explosive year in terms of the number of tests given, new affiliate organizations, and active candidates and certifications.



Here are the statistics:

Tests Given:	4,400	Increase of 80%
New Certifications:	1,400	Increase of 100%
Active Candidates:	2,000	Increase of 30%
Active Certifications:	3,700	Increase of 50%

Most of these increases were due to the growth of the BPI-affiliate network. BPI affiliates provide BPI certification training and exam proctoring to candidates throughout the country. At the end of 2008, BPI had 65 affiliates, covering 27 states, plus Canada. The number of affiliates increased 130% in 2008 and the number of states covered increased 60%.

BPI expects to maintain this pace of growth as more demand for a green collar work force and for energy efficiency retrofit work for America's existing homes is promoted by the new administration in Washington and supported by the new Economic Stimulus package.



“BPI is prepared to step up to the demand for BPI certification and accreditation as Washington sets a goal to have energy efficient retrofit work done in the 128,000,000 existing homes in the US.”

Sally Larmon, Director of Administration, BPI



“ We are very excited to be expanding our operations in NYSERDA’s STEP facility. In spite of the economic turmoil, we are seeing very high levels of interest in our two clean technology initiatives, and the infrastructure at STEP provides us with the flexibility to meet the demands of our growth. ”

Eric Burnett, President/CEO



“ One of C9’s key goals is to create a new game-changing nanotechnology technology that spreads beyond just C9 and enables other Capital Region companies to create innovative products and jobs here in New York for ourselves, our children, and our communities. ”

Kevin Donegan, President/CEO of C9 Corporation

## APPLIED NANOWORKS’ MOVE TO STEP® BRINGS NEW ENERGY-RELATED DIMENSION TO THE PARK

**B**ob Callender, NYSERDA Vice President for Programs, and Applied NanoWorks (ANW) President and CEO Eric Burnett jointly announced ANW’s move to STEP in January.

ANW is an advanced inorganic materials manufacturing and development company, with a staff of 10, and anticipation of hiring 40 new employees, bringing its workforce to 50 full-time hires in the next three years.

ANW has developed a patent-pending inorganic materials platform, called the Molecular Control Process (MCP), proving to be the first major advancement in inorganic material science in 30 years. MCP is a broad-based manufacturing platform that covers more than 50 base elements. It is cost-effective, scalable, and already has delivered over eight new patent-pending molecules, process, and application patents. Products derived from MCP are being used as a catalyst for a novel crude-oil sweetening technology, as a “green” high-performance flame retardant additive for plastics and coatings, and for photo-voltaic thin film applications.

While investigating promising process improvements in core nano-oxide processes, ANW’s R&D team discovered the technology for its Molecule Control Platform, a far more powerful and highly flexible chemical manufacturing

platform than its original nano-oxide materials and processes. The company found ‘nano’ to be too big for real solutions and moved its focus to the molecular level to produce game-changing flexible organics.

In announcing the move, Callender said, “NYSERDA has been a strong supporter of Applied NanoWorks’ ongoing work with phosphors and its production scale-up efforts. We enthusiastically welcome ANW to its new location at 10 Hermes Road, STEP’s Business Center. The company will bring a new energy-related dimension to STEP.”

“NYSERDA has been a long-term partner for Applied NanoWorks and the energy-related research and development community in New York State as a whole, and we are very excited to be expanding our relationship,” said Burnett. “STEP is ideal for our next level of growth because it provides the laboratory and manufacturing space and infrastructure necessary to commercialize our products. NYSERDA’s understanding of the needs of high-tech startups, combined with the commitment to provide state-of-the-art facilities to support their growth here in New York State, is what makes NYSERDA an invaluable asset in New York State’s economic development activities.”

## C9 CORPORATION TO ESTABLISH CORPORATE HEADQUARTERS AND MANUFACTURING FACILITY AT STEP

**C**9 Corporation has announced plans to occupy 8,500 square feet of headquarters and manufacturing space at the Saratoga Technology + Energy Park (STEP), located in Malta. C9, the first semiconductor company to locate a facility in the Park, expects to open its doors this summer.

Francis J. Murray, Jr., NYSERDA’s President and CEO, said “Anticipating the arrival of STEP’s first semiconductor company is very exciting for NYSERDA. This will be a banner summer for STEP, and the prospect for new jobs coming to the Capital District as a result of the presence of C9, a corporation focused on energy-saving and power-processing semiconductors, is invigorating.”

C9’s focus is to develop dual-use, energy-efficient semiconductor products and systems that

serve governmental uses, but are based in COTS (commercial off the shelf) products designed for high-volume commercial power-processing application, such as hybrid vehicles.

C9 expects to create 30 new jobs or more in the Malta facility by 2012. The corporation has two ongoing contracts. The first is a sole-source contract to provide high-temperature silicon-carbon power semiconductors and drive units for Hybrid Electric Armored vehicles; the second contract focuses on developing single and multi-junction high-temperature high-efficiency solar cells for solar concentrator applications. This enabling energy-saving technology focuses on solving the temperature problems associated with hybrid-vehicle electronic drivetrains and solar-cell concentrators systems now; and robust, transient resistant, high-temperature digital-control circuits and sensor systems in the near future.

## \$200,000 AVAILABLE FOR CLEAN ENERGY BUSINESS GROWTH & DEVELOPMENT

**N**YSERDA is supporting the growth and development of clean energy companies in New York State by supporting business activities that enable their expansion. Program Opportunity Notice (PON) 1260, Clean Energy Business Growth & Development, offers up to \$200,000 for business development projects aimed at increasing the proposers' access to markets, customers, and partners, and building their capacity to serve a new or expanded customer base. Such projects could include expanding sales and distribution, raising capital, writing or revising business plans and other related tasks. Please see the PON at <http://www.nyserdera.org/funding/1260pon.asp>

## 2009 CONFERENCES OF INTEREST

**BIA/NYS Annual Meeting**  
May 7, 2009, Rochester, NY  
<http://bianys.com/node/402>

The Business Incubator Association of New York State, Inc. (BIA/NYS) annual meeting will be hosted by the Venture Creations incubator at the Rochester Institute of Technology. Members will learn about international partnerships for incubator and incubation-stage companies. Charles Lambert, President, Réseau Québécois d'Incubation d'Entreprises, will provide a presentation on Québec Incubators and Opportunities for Collaboration. Sam Natapoff, Senior Advisor to the Governor for International Commerce and Senior VP, International Division, Empire State Development Corp., will host a roundtable for member incubator representatives to present their capabilities for international collaboration.

**Renewable Energy Conference 2009, Emerging Opportunities**  
May 27 - 28, 2009, Halifax, Nova Scotia  
[www.renewableenergyconference.ca](http://www.renewableenergyconference.ca)

The 4th annual Renewable Energy Conference is the leading renewable energy event in Canada. The "Emerging Opportunities" conference will host producers, manufacturers, suppliers, large energy consumers, investors and lenders, municipalities, and governments as they discuss emerging opportunities for wind, tidal, bioenergy, solar, and geothermal projects.

Proposers should be businesses with operations in New York State seeking to initiate new operations or expand existing ones, or businesses outside New York State willing to open operations in New York State as part of work under this PON. Companies may be well established or early stage enterprises, but must have a product or service that is commercial or in a near commercial stage of development.

NYSERDA has allocated a total of \$6.4 million under this PON, and welcomes companies to pursue this funding opportunity. For more information, please contact Michael Shimazu at 518-862-1090, ext. 3478.

**ASES National Solar Conference - Solar 2009**  
May 11 - 16, 2009, Buffalo, NY  
<http://www.ases.org>

SOLAR 2009 is America's leading conference on the emerging trends, technology, and opportunities in the new energy economy. Now in its 38th year, this cutting-edge conference series introduces you to the leaders, innovators, and entrepreneurs shaping the industry. This national conference helps you understand the new drivers and hidden opportunities in the trillion-dollar green economy. With today's market volatility, you can't afford to fall behind. Attend SOLAR 2009 – and gain the insight and build the connections you need to stay ahead. Solar 2009 will be held at the Buffalo Niagara Convention Center, Convention Center Plaza, 153 Franklin Street, Buffalo, NY 14202

**2009 Business Innovation Conference**  
October 5 - 7, 2009, Wheaton, IL  
[www.bnpevents.com](http://www.bnpevents.com)

The Business Innovation Conference is a premier event bringing academia, government, and business together to explore and learn the science of innovation, and how to accelerate performance through innovation. The conference will bring innovators, entrepreneurs, engineers, and executives together to share their methods, challenges, and lessons learned and raise the understanding of the innovation process and tolls to the next level.

## NYSERDA FUNDING OPPORTUNITIES

**Development at the Saratoga Technology + Energy Park® (STEP®) – PON 1116** NYSERDA invites proposals from business entities or developers (Company, Developer, or collectively, applicant) seeking to construct a building and related improvement at STEP in Town of Malta, Saratoga County, New York.

**Clean Energy Technology Manufacturing Incentive Program – PON 1176** NYSERDA invites proposals to expand the level of manufacturing of clean energy technology products in New York.

**Clean Energy Business Growth & Development – PON 1260** This program supports the growth and development of clean energy companies in New York State by supporting business activities that enable their expansion.

**Green & Energy Efficient Building Products & Systems – PON 1266** This program supports the development of innovative products and systems for residential, commercial, and institutional buildings in New York State.

**New York Energy \$mart<sup>SM</sup> Loan Fund – PON 1060** Invites financial institutions to participate in and customers to apply for low interest financing for energy efficient improvements, new construction, and renewable technology products.

**Industrial Process & Product Innovation – PON 1276** NYSERDA seeks proposals for projects that develop, demonstrate, or commercialize innovative technologies that provide an energy benefit for an industrial process in New York State in the manufacturing or agricultural sectors.

For more information, visit [www.nyserdera.org/funding](http://www.nyserdera.org/funding)

## NEXT STEP

Next STEP is a publication of the New York State Energy Research and Development Authority (NYSERDA) intended to inform the Saratoga Technology + Energy Park® (STEP®) community of the rapidly changing environment of New York's energy technology industry and provide information on resources available to STEP tenant companies and their employees.

Please submit comments, suggestions, and story ideas (such as company and employee profiles, recent developments, and news) to [tek@nyserda.org](mailto:tek@nyserda.org)



### State of New York

David A. Paterson, Governor

### New York State Energy Research and Development Authority

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**NYSERDA**



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## ADDITIONAL SOURCES FOR FINANCIAL, TECHNICAL, AND MARKETING ASSISTANCE

**N**YSERDA encourages you to explore the programs and opportunities offered by the various organizations listed below. For a comprehensive listing of organizations, please visit <http://www.nyserda.org/About/funding.pdf>\*

**Business Council of New York State (BCNYS): [www.bcny.org](http://www.bcny.org)** The BCNYS is a statewide organization that provides news and legislative information of interest to the business community.

**Empire State Development Corporation (ESD): [www.empire.state.ny.us](http://www.empire.state.ny.us)** ESD is New York State's lead economic development agency. Its mission is to provide the highest level of assistance and service to businesses in order to encourage economic investment and prosperity in New York State. It works closely with businesses to identify creative solutions to challenging problems, generate enhanced opportunities for growth, and help them achieve their uniquely important, short-and long-term goals.

**NYS Office of Science, Technology & Academic Research (NYSTAR): [www.nystar.state.ny.us](http://www.nystar.state.ny.us)** NYSTAR's mission is to help make New York the leader in high-technology academic research and economic development by undertaking a host of new, unprecedented programs and initiatives, including the Center for Advanced Technology Program, Faculty Development program, Technology Transfer Incentive program, matching Grants Leverage Program, James D. Watson Investigator program, and the College Applied Research & Technology (CART) Center Program.

**The Saratoga County Chamber of Commerce: [www.saratoga.org](http://www.saratoga.org)** The Saratoga County Chamber of Commerce, a membership-based organization with more than 3,000 members, works to improve the quality of life for Saratoga County residents and helps member businesses and organizations prosper.

**US Small Business Administration: [www.sba.gov/sbir/indexsbir-sttr.html](http://www.sba.gov/sbir/indexsbir-sttr.html)** As part of the SBA, the Office of Technology administers the Small Business Innovation Research (SBIR) program and the Small Business Technology Transfer (STTR) Program. Through these two competitive programs, the SBA ensures that the nation's small, high-tech, innovative businesses are a significant part of the federal government's research and development efforts.

**US Department of Energy (DOE): [www.sc.doe.gov/grants/grants.html](http://www.sc.doe.gov/grants/grants.html)** DOE provides information on reduction energy costs, business opportunities, and technology partnerships.

**US Small Business Administration (SBA): [www.sba.gov/services/financialassistance/index.html](http://www.sba.gov/services/financialassistance/index.html)** The SBA provides a number of financial assistance programs for small businesses, including 7 (a), 504, and disaster assistance loans.

*\* The sources listed above are supplied for information purposes only. The list is not intended to be exhaustive, and NYSEERDA makes no warranties, guarantees or representations of any kind as to the content or accuracy of the information contained herein. NYSEERDA does not endorse services and products; no such endorsements should be implied by the information listed here.*

## SAVE MONEY, ELIMINATE STRESS, AND HELP CLEAR THE AIR

**S**TEP tenant company employees are encouraged to take advantage of iPool2, a free Web-based program that uses the latest technology to match ride-share partners who have similar schedules, destinations and personal preferences. iPool2 is free, fast, private, convenient, accurate, and environmentally friendly.

iPool2's Guaranteed Ride Home program takes the worry out of carpooling or taking the bus because it guarantees a free ride home in the event of an emergency. For more information, go to [www.ipool2.org](http://www.ipool2.org).

