

Auterra Receives NYSERDA Funding to Build 'CURE' Demonstration Unit

STEP Company to have Global Impact on Energy Industry



Auterra Inc. has received a \$400,000 award from the New York State Energy Research and Development Authority (NYSERDA) to design and build a CO₂ and Utility Reduction & Efficiency (CURE) Demonstration Unit. The company specializes in catalyst and process technology for energy-efficient upgrading of heavy, sour crude oil and oil distillates.

Auterra has developed a proprietary chemical and process technology that significantly reduces the energy consumed by the oil industry, and consequently reduces CO₂ emissions. The CURE Demonstration Unit uses air and two proprietary catalytic reactions to improve the quality of heavy, dirty oils used in oil refineries. Less energy is needed to refine upgraded oil into fuels.

New York State consumes nearly one million barrels of fuel every day, all imported from other states.



Eric Burnett, President and CEO of Auterra



Paul Lorenz, Chemical Engineer, records the temperature and inflow and outflow rates on the Pilot.

"In addition to key environmental benefits, New York State will benefit most from the significant revenue and job creation resulting from the full commercialization of Auterra's technology," said Eric Burnett, President & CEO of Auterra. "Significant clean technologies and industrial energy efficiency technologies need a collaborative effort between all stakeholders to bridge the gap between lab and commercial success."

The funding has been awarded through NYSEDA's Innovation in the Manufacturing of Clean Energy Technologies program for projects that develop and demonstrate an innovative energy-efficient manufacturing process for clean-energy technology.

"Auterra's technology offers important environmental and energy-saving benefits by reducing the energy consumed by the oil industry," said Francis J. Murray Jr., President and CEO, NYSEDA. "As we expand the State's cleantech economy under Governor Cuomo, projects such as this one continue to build on the momentum the State has initiated through investments in promising new technology and support of projects that stimulate economic development."

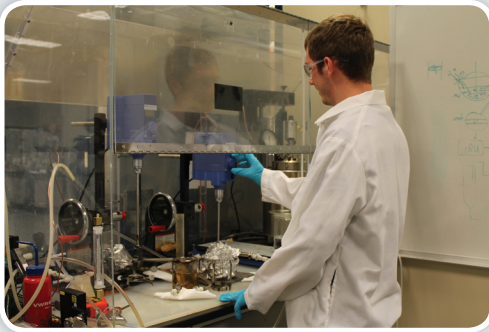
The total cost of the project is nearly \$1.5 million with NYSEDA providing \$400,000 and Auterra funding the remaining amount. The purpose of the project is to design, build and test the final lab scale testing unit. The CURE

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Auterra Receives NYSERDA Funding to Build 'CURE' Demonstration Unit

(continued from page 1)



Trent McCaskill, Chemist, monitors an emulsion test.

Demonstration unit will be constructed at the Auterra plant at STEP®. Auterra's staff of 15 clean-energy professionals will conduct all of the work involved with the project. The project will take 10 months to complete, with an expected end date in late summer 2013.

Auterra formed a strategic partnership with a heavy, sour oil producer last year that will fund the next several levels of testing necessary to bring the Auterra technology to

market. Successfully completing the CURE Demonstration Unit is required before engineering and construction work on the next level of testing can be started using larger units installed at an oil production facility. This activity is expected to start late in 2013 and will be funded by the oil company.

For more information, go to www.AuterraInc.com or call 518.899.9600

20 Tech Trail on Track for Spring Completion

Cold Temperatures Don't Freeze Progress of Newest Building at STEP®



Construction continues on the facade of 20 Tech Trail.

Jersen Development persevered through the winter months to keep the construction of the 130,000 sq. ft. office/mixed use building at 20 Tech Trail on schedule. At completion, Jeresen Development will have brought this project through design conception, approvals and completed construction in just seven months! It takes a solid team and incredible coordination to accomplish such a feat.

The earthwork and concrete work was self-performed by Jeresen Construction Group, which also provides project supervision. The 105,000 sq. ft. high bay structure was designed and provided by STARR Building Systems, while the 25,000 sq. ft. office structure, including the monumental lobby stair, was furnished and installed by Stone Bridge Iron and

Steel. Other key subcontractors include Gridworks, Rosen Electric, Eastern Heating and Cooling, Pratt Plumbing, Davis Ulmer Sprinkler, and Architectural Glass and Mirror. On any given day there are 50 or more tradespeople working in and around the site.

20 Tech Trail is designed to obtain LEED Certification, with eight 50 kW solar arrays supplying a portion of the structure's power. The building offers flexible space configurations for its tenants. The 40,000 sq. ft. available high bay space has 25 ft. clear ceiling height and loading dock doors in the rear of the building. The 2-story office space offers grand views of the surrounding forest. 20 Tech Trail is being offered by CB Richard Ellis - Albany, Eileen Lindberg, broker.



A 275 ton crane lifts one of the massive rooftop HVAC units into place at 20 Tech Trail.



Workers continue to make progress on the interior of 20 Tech Trail.

For more information, contact either Jeresen Construction Group (518) 233-0600 or www.jersen.com, or Eileen Lindberg, (518) 452-2700, x119.

Chamber of Commerce Corner

New Community Program Brings Together Business, Government, and Academia in Southern Saratoga County



Volunteers from Turner Construction put the finishing touches on a bridge designed by Shenendehowa High School students and their corporate mentors from GE, Momenive Performance Materials, and Turner Construction. The bridge was placed across Historic Lock 19 in Vischer Ferry, allowing access to the far side of the structure for the first time in nearly a century.

The Chamber of Southern Saratoga County is embarking on a new project in 2013 called the Community Development Program. It's volunteerism with an economic development purpose, and is bringing together the best and brightest in the business world along with education leaders, students from grade school through college, community leaders, elected officials, local residents and civic-minded people.

The program prototype took place at Historic Lock 19 in Vischer Ferry during the past year. Students from Shenendehowa High School worked alongside engineers from GE, Momenive, and Turner Construction to design a bridge structure that allows access to the entire lock for the first time in nearly a century, with materials supplied by Curtis Lumber. Small businesses and neighborhood volunteers were on-site to lend a hand. Many valuable lessons were learned during this effort which will be applied in 2013.

During the coming year, The Chamber along with assistance from the Ballston Spa School District, will help facilitate repairs and historical research at the Brookside Museum in Ballston Spa and in Mechanicville at the historic train station, in support of efforts already underway by city leadership and the Mechanicville Chamber of Commerce.

These exciting developments are quite different from the mostly-networking role of the traditional chamber of commerce. By working together on community projects of mutual interests, participants can learn much about each other that might not be possible in a traditional networking setting. Not only may relationships be made stronger, but creative ideas for building a better future for our hometowns will be encouraged in a relaxed, informal atmosphere.



"The partnerships forged at Historic Lock 19 will likely serve as a model for business, education and public sector collaboration in the future. Many have said that the time is now to get active, get involved and make a difference for our young people. This is a shining example of how to do it."

— Pete Bardunais, President/CEO, The Chamber of Southern Saratoga County Chamber

Highlights from the Governor's State-of-the-State Address



In Governor Cuomo's recent State-of-the-State address, he called for significant and far-reaching changes to New York's clean-energy economy, all of which are designed to lessen the state's dependence on imported fuels and strengthen the state's economy.

The single largest initiative he proposed is the creation of the NY Green Bank, a \$1 billion fund that will leverage public and private money for investment in clean-energy technologies. This program will lower consumer prices for renewable and efficient energy sources and bring well-paying jobs to New York State that support employment across various skill and education levels. Additionally, it will build an integrated state approach to clean-energy investment and innovation, and encourage more vibrant private market activity in clean energy. Overseeing the Green Bank will be Richard L. Kauffman, who was appointed by Governor Cuomo to lead the state's energy policy and energy finance efforts. He joins the Governor's Cabinet as the Chair of the newly formed Energy Policy and Finance Sub-Cabinet.

The Governor also announced the Charge NY program, which calls for \$50 million to be spent over five years to create a statewide network of 3,000 public and workplace charging stations. This initiative will include funding from the New York Power Authority (NYPA) and NYSEERDA, as well as tax credits. In addition, Charge NY includes funding primarily from investor-owned utilities for incentives for electric vehicle installations. Furthermore, the Governor is proposing to extend the NY-Sun Solar Jobs Program at the existing annual funding levels through 2023 to continue to stimulate residential and commercial solar panel installation. The Governor also noted the need to develop a skilled workforce by expanding clean-energy career training and placement programs and coordinating workforce development among stakeholders in the energy sector.

Other initiatives the Governor cited in his State-of-the-State address included strengthening the state's cellular and communications network; continuing development and employment of smart grid technologies to create a flexible and more reliable grid system; updating the Building Code; and various economic development and workforce training programs.

For more information, visit www.southernsaratoga.org.

nrastructure News

NFRASTRUCTURE and SUNYIT Build Program to Prepare Students for a High-Tech Future



nrastructure

nrastructure and the State University of New York Institute of Technology at Utica/Rome (SUNYIT) have announced the development of an education program that will help New York State compete and win globally. The program will further leverage and expand the nrastructure Center of Competency in Information Technology (NCCIT).

NCCIT is a statewide public/private partnership between nrastructure, the College of Nanoscale Science and Engineering (CNSE), and SUNYIT to create a world-class workforce and innovative services supply chain to deliver IT solutions that meet the continued technology demands of New York State public and private enterprises.

"We are pleased to be working with SUNYIT to get this education and workforce development program off the ground. It parallels with Governor Andrew Cuomo's job creation and economic growth agenda for New York State and will better prepare students for tomorrow," said Larry Delaney, President, NCCIT.

"This is a crucial step in building a

high-tech workforce that will help New York remain competitive. The project-based learning opportunities are a perfect match between academics and industry. SUNYIT is pleased to launch this program in the Mohawk Valley region and looks forward to its success," said William Durgin, Provost, SUNYIT.

"In accordance with Governor Cuomo's vision and strategy to further build New York's world-class nanotechnology industry, this program will help to prepare the highly skilled workforce that is an essential ingredient in the Governor's innovation-based economic blueprint," said Dean Fuleihan, CNSE Executive Vice President for Strategic Partnerships. "We look forward to working with our partners, nrastructure and SUNYIT, to enable high-tech educational and career opportunities in the Mohawk Valley."

The education and workforce development program includes curriculum development and delivery, mentorship and internship opportunities, business development, and employment opportunities.



Larry Delaney, President, NCCIT

nrastructure has named Andrew Bellinger, formerly of BonaDent Dental Laboratories and Indium Corporation, to oversee operations at NCCIT on the SUNYIT campus as site manager.

"Andrew's strong background in information technology and business management are essential in our commitment to drive and present high-tech economic opportunity in the Mohawk Valley and throughout the state of New York," said Delaney.

nrastructure News

Sales Executive is Appointed to Grow Retail and Financial Business

nrastructure, a technology solutions company that helps large enterprises design, build and operate mission critical technology infrastructure, announced the addition of Michael Luther as Retail and Financial Sales Executive. Luther brings more than 20 years of industry experience to nrastructure in strategic sales and business development.

"Innovations in technology will continue to change the retail and financial sectors, with mobility, customer engagement, big data and other solutions playing increasingly important roles in 2013," said Jim Pascarelli, President, nrastructure. "We are thrilled to have someone with Mike's

background join our talented team. His comprehensive understanding of our industry, sales experience, and outstanding leadership qualities will be instrumental in driving our 2013 business objectives as well as the success of our customers and partners."

In his role as Retail and Financial Sales Executive, Luther will generate, develop, and close sales opportunities that align with nrastructure's growth strategy. He will work closely with internal and external customers, as well as various levels of the organization to provide enterprises with business models and solutions that are responsive, adaptable, and efficient.



Mike Luther, Retail and Financial Sales Executive, nrastructure

"nrastructure's track record of providing innovative solutions to some of the most admired brands in retail and financial services is proven," said Luther.

(continued on page 5)

Infrastructure News

Sales Executive is Appointed to Grow Retail and Financial Business

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“Our opportunity is to partner with those customers to drive additional innovation, while selectively adding more customers to our portfolio.”

With the majority of increased sales in the retail and financial sector stemming from online transactions, nrastructure anticipates executives will integrate more technology into brick and mortar locations to appeal to consumers on multi-channels. nrastructure is well positioned to expand

its market share in both of these industries, leveraging its proven capabilities to provide ground-breaking solutions to leading brands.

Prior to joining nrastructure, Luther served on Microsemi/PowerDsine's executive team as Channel Sales Manager of the northeast where he managed Power over Ethernet (PoE) products and successfully added more than 20 key resellers to their program. Before

nrastructure

Microsemi/PowerDsine, Luther worked for AT&T, Inc./Anixter, Inc. as an Integration Solution Executive in Albany. In this position, Luther secured business with high-profile enterprises including Fleet Bank, HSBC and Xerox.

Luther graduated from The State University of New York (SUNY) at Geneseo with a Bachelor of Science in Management Science with a marketing concentration. He resides in Rensselaer, New York.

Prime Location at STEP® & Adjacent to GLOBALFOUNDRIES Fab 8

Mixed-Use Space Available Now!

The United Group of Companies, Inc. announced that approx. 20,000 sq. ft. of warehouse and 30,000 sq. ft. of office space are now ready to welcome new dynamic tenants.

A unique mix of high bay warehouse, R&D and Class A office/administrative space is available at the United STEP I building located at 107 Hermes Road in Malta. This state-of-the-art and certified silver LEED building is inside NYSERDA's Saratoga Technology + Energy Park® (STEP®) adjacent to Luther Forest Technology Campus. A great location for convenient access to the GLOBALFOUNDRIES' computer chip manufacturing facility.

The United Group of Companies, Inc. announced that approx. 20,000 sq. ft. of Warehouse and 30,000 sq. ft. of office space are now ready to welcome new dynamic tenants. All space is available with leasing flexibility on financial terms, space combinations and length of lease to accommodate any special needs of the technology and clean-energy industry. Those companies in need of special

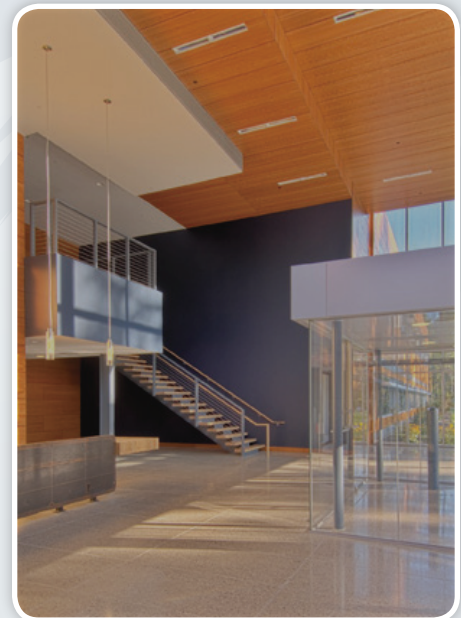
workforce development support and partnerships can welcome the outstanding and dedicated assistance from Hudson Valley Community College delivered at the adjacent HVCC's TEC-SMART facility. Occupancy in this quality space provides potential access to NYSERDA funding opportunities, plus assistance through New York State grants, low-interest loans and reduced power depending on tenant business and research activities. Other important factors include job creation, connection with alternative energy and anticipated operations.

Interested parties should contact Alexander “Sandy” Mathes, Jr. of the United Group at **(518) 687-7321** or sandy.mathes@ugoc.com.

United group



United STEP I



United STEP I lobby

tw telecom News

tw telecom Wins 2012 North America Metro Ethernet Forum (MEF) Carrier Ethernet Award for Best Enterprise Application

Recognized for unique Dynamic Capacity bandwidth-on-demand application



On November 9, 2012, tw telecom was named winner of the prestigious 2012 North America Carrier Ethernet Award for Best Ethernet Business Application. The annual award was presented by the Metro Ethernet Forum (MEF) during the Ethernet Expo New York at the New York Hilton.

tw telecom was recognized for its unique Dynamic Capacity bandwidth-on-demand service that allows enterprise customers to double or triple their network capacity in seconds to meet immediate business demands or to schedule increased bandwidth for business applications or a certain ad-hoc need. They can then return to their original committed information rate in seconds. This capability does not affect a customer's service or quality of transmission.

"Dynamic Capacity is one of our Intelligent Network capabilities that deliver customers real-time visibility, flexibility and control of their network performance,"

said Mike Rouleau, tw telecom Senior Vice President of Business Development and Strategy. "This capability is what customers need to become more efficient in serving their customers and in growing their businesses."

"MEF received submissions involving many innovative applications across numerous vertical markets, showcasing how Carrier Ethernet services are delivering substantial business value. It is great to see innovators like tw telecom rewarded for the industry leadership," said Nan Chen, MEF President.

The 2012 MEF Carrier Ethernet Awards recognize excellence and leadership in the development, marketing and delivery of Carrier Ethernet services. The awards are judged by panels of independent industry analysts and presented annually in North America (NA), Asia-Pacific (APAC), Europe, Middle East

and Africa (EMEA) and the Caribbean and Latin America (CALA) regions.

"Our commitment to Business Ethernet is unprecedented in the industry," Rouleau said. "We have delivered Business Ethernet nationally to enterprises for more than a decade and are consistently one of the three leading providers of Business Ethernet across the country. Our continuous innovation strategy around Business Ethernet continues to differentiate us in the market with our customers."

tw telecom's Business Ethernet provides secure, scalable, predictable network connections for any enterprise needing connectivity to remote locations, data centers and to the cloud. tw telecom delivers Intelligent Network capabilities over its national Business Ethernet network to meet customers' evolving needs for real-time performance metrics.

tw telecom News

tw telecom Named 2012 Top Public Company by Light Reading

On November 8, 2012, tw telecom (NASDAQ: TWTC), a leading provider of managed services including Business Ethernet, converged with IP VPN solutions for enterprises throughout the U.S., today was named Light Reading's Leading Lights Award 2012 Public Company of the Year. The annual awards competition is held during the Ethernet Expo New York at the New York Hilton.

According to the Light Reading Leading Lights Awards Program information, the Public Company of the Year award is given to the firm that "stands out among its competitors, innovates constantly, makes investors proud and makes employees happy." tw telecom won the award over nine other finalists in the Company of the Year (Public) category.

Judged by Light Reading editors, with help from Heavy Reading and Pyramid Research analysts and feedback from industry sources, the Leading Lights Awards Program focuses on next-generation communications technology, applications, and services, and rewards the companies that have performed well over the past year.

In accepting the award, Mike Rouleau, tw telecom Senior Vice President of Business Development and Strategy, thanked Light Reading and acknowledged his company's employees who continually work diligently to ensure its networks, products and service are exceptional.

"Our commitment to Business Ethernet is unprecedented in the industry," Rouleau said. "We have delivered Business Ethernet nationally to enterprises for



tw telecom Senior Vice President Mike Rouleau accepts the 2012 North America MEF Carrier Ethernet Award for Best Enterprise Application.

Photo by Matt Carr/Getty Images for Light Reading
(www.lightreading.com)

more than a decade and are consistently one of the three leading providers of Business Ethernet across the country. Our continuous innovation strategy around Business Ethernet continues to differentiate us in the market with our customers."

(continued on page 7)

tw telecom News

tw telecom Named 2012 Top Public Company by Light Reading

(continued from page 6)

tw telecom's Business Ethernet provides secure, scalable, predictable network connections for any enterprise needing connectivity to remote locations, data centers and to the cloud. tw telecom is now delivering Intelligent Network capabilities over its national Business Ethernet network to meet customers' evolving needs for real-time performance metrics.

"Our Enhanced Management and unique Dynamic Capacity capabilities allow customers real-time visibility into their network performance," Rouleau said. "Even more importantly, our Dynamic Capacity capability allows customers to double or triple their network capacity

in seconds to meet immediate business demands or to schedule increased bandwidth for business applications or a certain ad-hoc need. They can then return to their original committed information rate in seconds."

"Neither capability affects the customer's service or quality of transmission and is performed by the enterprise network manager," Rouleau added. "This flexibility is seamless and simple and gives IT Managers and CIOs the real time visibility, access and control they have always wanted to become more efficient in serving their customers and in growing their businesses."



Prove Your Building and Science Knowledge with BPI's New Certificate



Do you work in policy or programs that require a basic knowledge of home performance, but don't require wrestling with a blower door or other diagnostic equipment? BPI's new Building Science Principles (BSP) Certificate of Knowledge is designed with you in mind.

"The Building Science Principles certificate is a first step into the world of home performance," said Larry Zarker, BPI CEO. "It's for those in the residential building trades and anyone interested in a career in sustainability, who need to know how homes work but don't need the hands-on technical skills required of BPI certified professionals."

"Not everyone in this industry needs to be an energy auditor, but everyone should have the foundation of knowledge that the Building Science Principles certificate verifies," says Vince DiFrancesco, CEO of Everblue, BPI Test Center. "For students interested in a career in sustainability or green buildings, this certificate is a must have."

Passing the 100-question online exam verifies a basic knowledge of building science. A companion Reference Guide helps prepare candidates to understand how various systems of the home interact to maximize energy efficiency, enhance building durability, and protect occupant comfort,

health and safety. The online exam and Reference Guide are affordable at \$99 each.

Because the BSP is a knowledge-based exam, it requires no hands on field testing with diagnostic equipment. For those considering a career in home performance contracting, it serves as an introduction to BPI's technical certifications, including the Building Analyst, Building Envelope, Heating and AC/Heat Pump professional designations. The BSP certificate is not a BPI professional certification, and certificate holders are not 'BPI certified'.



BPI certified professionals will earn three Continuing Education Units (CEUs) by taking this exam and achieving a passing score.

Learn more and register for the exam at www.bpi.org/certificate.

Training to Build a Statewide Clean Energy Workforce

Workforce training for the energy efficiency and renewable technology industries



Demand for energy efficiency upgrades is growing, along with interest in renewable energy technologies such as photovoltaics, wind and solar thermal. As this new industry expands, it requires a skilled, clean energy workforce. Programs from the New York State Energy Research and Development Authority (NYSERDA) are helping to equip this workforce with the necessary training.

NYSERDA-supported programs provide basic skills and technical training to a variety of workers. The programs retrain displaced workers, give high school students a career path, and provide continuing education credits and new skills to workers at all levels.

Here's the great news: if you're interested in a clean energy career, you can access quality training—made more affordable by NYSERDA support. You can get your new energy career off the ground in a training facility near you, with courses in energy efficiency and renewable energy technologies.

Learn more about NYSERDA-supported workforce development programs and find a training center in your area at nysenda.ny.gov/workforce



GLOBALFOUNDRIES and CEG Team up to Prepare Students for High-Tech Jobs



GLOBALFOUNDRIES



GLOBALFOUNDRIES has teamed up with the Center for Economic Growth (CEG) to help regional students prepare for careers in Tech Valley, where technology opportunities abound. The chip maker and the non-profit have created the Tech Valley Connection for Education and Jobs, a workforce development initiative defining a path for the education system.

On Tuesday, November 13th, Hudson Valley Community College's Training and Education Center for Semiconductor Manufacturing and Alternative and Renewable Technologies (TEC-SMART) hosted an event to showcase student work and introduce the initiative. F. Michael Tucker, CEG's President and CEO, described the connection via a video, a presentation and a host of speakers.

"We want to integrate technology consistently throughout the Saratoga Springs School District," said Dr. Joseph Greco, director of math, science and technology integration. "We also want to emphasize there are many pathways to



The students from Ballston Spa schools, including Milton Terrace South Elementary School, designed and made transistors that were renewable and cost efficient, and presented their experiments at the Connections in Education kickoff event earlier this school year at TEC-SMART.

education, which will be a major paradigm shift for some parents. Not every child needs to attend college. Some students may want to go right into the workforce, and our programs will help ready them."

Mike Russo, GLOBALFOUNDRIES' Director of Government Relations, described the initiative's formation. Businesses, government, labor and education entities have been part of the Tech Valley Connection. Twenty chambers of commerce, 111 school districts and 345 schools are involved. Building on its 2009 Administration Outreach program, GLOBALFOUNDRIES looked for ways to develop science, technology, engineering and math in K-12 curricula, also keeping in mind a student's abilities. "Soft skills," such as communication and interaction are also key for today's jobs, Russo said.

At the student exhibition, children from Saratoga to Albany shared their work. Jordan Garcez, Justyn Werrs, and Ben Knoll, Albany High School students, showed last year's club robot. Werrs likes the animation aspect of the design process; his fellow students enjoy the actual building.

Some of the innovative programs in area schools include North Colonie Shaker High School's original pre-engineering program, developed with the district business advisory council. In Saratoga Springs High School, "Flipped Instruction" lets biochemistry students watch lectures on their home computers. In class, the students work on labs, with more time to carry out experiments.

Having surveyed many groups, especially the schools, to see what developments are ongoing, which need to be reworked and which started up, GLOBALFOUNDRIES and CEG can plan their next steps.

Joseph Poirier, a fourth-grade student ambassador from Milton Terrace South Elementary School, demonstrated his next step: a circuit board with brightly colored transistors. "I want to do this for a career," he said. "Only on a bigger scale."

*Written by Jennie Grey, Saratogian.
Article reprinted with permission.*



Jack Grace, left, and James D'Annibale from Ballston Spa Middle School demonstrated the circuits that they designed recently in their classes as part of the Tech Valley Connection for Education and Jobs event that showcased student work and introduced the initiative.

Ballston Spa News

Ballston Spa High School Named to AP® Achievement List by the College Board

District Recognized for Significant Gains in Advanced Placement®

Access and Student Performance



The Ballston Spa Central School District, one of only 539 school districts nationally, was awarded a place on the AP Achievement List for opening AP classroom doors to a significantly broader pool of students, while maintaining the percentage of students earning scores of three or higher. The district is being honored by the College Board for the second time in the last three years. Since 2010, the number of AP examinations taken by students in the Ballston Spa High School has increased by 22%, and the percentage of students scoring three or better has increased by 18%.

Superintendent of Schools Joseph P. Dragone, Ph.D. stated that “We are once again honored to receive national recognition for the work our teachers and staff are doing to support student achievement. This award provides incentive for our continual efforts to develop the strongest academic opportunities for our students as we move forward with district initiatives.”

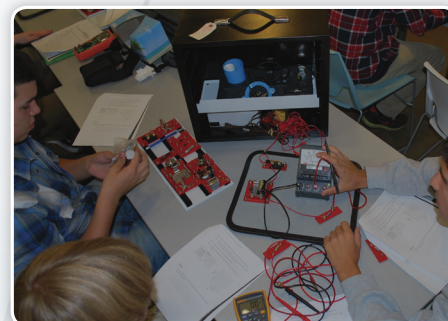
The AP Achievement List is made up of all school districts that are simultaneously expanding opportunity and improving performance. The list includes only 539 school districts representing 44 states out of the approximately 14,000 districts in the nation. “We applaud the extraordinary efforts of the devoted



Ballston Spa High School students continue to increase the number of AP examinations taken during their high school experience as well as increase the overall scores achieved.

teachers and administrators in these 539 districts, who are fostering rigorous work worth doing. These educators have not only expanded student access to AP course work, but they have enabled more of their students to achieve on a college level—which is helping to create a strong college-going culture,” said College Board President, David Coleman.

Ballston Spa recently launched an International Baccalaureate World School (IB) program and expanded the Clean Technologies & Sustainable Industries Early College High School program regionally to include students from 12 area schools. These programs continue to provide unparalleled career and college readiness programs for all students. The IB program is an internationally recognized, challenging curriculum of interconnected subjects with a common core of experiences known as Theory of Knowledge, the Extended Essay, and Creativity, Action, and Service. Students study English, another language, history, social sciences, natural sciences, math, and arts as they earn an International Baccalaureate Diploma.



Students in Ballston Spa's Early College High School are dually enrolled in both high school and college courses at TEC-SMART. The curriculum includes both the photovoltaic and electricity courses taught during the senior year, earning them three credits each.



Students in the Early College High School program learn about nanotechnology.

Additional information on the Ballston Spa Central School District is available at www.bscsd.org or (518) 884-7195. The complete AP Achievement List can be found at www.collegeboard.org.

NYSERDA Funding Opportunities

Industrial Process and Efficiency Program—PON 2456

NYSERDA offers performance-based incentives to manufacturers and data centers that implement cost-effective electric and natural gas efficiency and process improvements. This PON offers Process and Energy Efficiency incentives, as well as Operations and Maintenance Incentives.

Advance Clean Power Technologies—PON 2569

NYSERDA seeks proposals to develop and demonstrate innovative renewable and other advanced clean power technologies, develop and demonstrate technologies that improve performance, or address and overcome specific barriers thwarting increased adoption of Eligible Technologies (see more detailed descriptions of Project Categories and Eligible Technologies in Sections II and III). All, or none, of the available funds may be allocated

*Funding Opportunities
continued on page 11 . . .*

News for STEP Tenants



Drive Carefully: A reminder from NYSERDA to drive carefully and obey posted traffic control signs in STEP, particularly during inclement weather. Rosenblum Property Services continues to work closely with service providers to keep the Park meticulously maintained. However, steady increases in vehicular (including bicycles) and pedestrian traffic makes it all the more important there be heightened driver awareness since safety at STEP is always of paramount concern. Park maintenance and related safety concerns should be reported to Jonathan Rosenblum jonr@rosenblumproperty.com or (518) 330-6877 or Kevin Hunt at klh@nyserda.ny.gov or (518) 862-1090, ext 3259.



ipool2: Tenants are encouraged to take advantage of this free web-based program hosted by the Capital District Transportation Committee (CDTC). Users of ipool2 can easily identify transportation alternatives available to them throughout the Capital Region including carpools, transit, and other commuter services. For more information, visit www.ipool2.org.



SEFCU Mobile at STEP: SEFCU Mobile is at STEP every other Wednesday from 3:00pm – 4:30pm at 107 Hermes Road. SEFCU's Mobile Branch has all the features of a traditional branch with the extra convenience of banking wherever you are. For more information, contact Tricia King at tek@nyserda.ny.gov.



Discount Rate for STEP Tenants:

The Hyatt Place Saratoga/Malta, at Exit 12 and Route 67, is offering a terrific rate for STEP tenants and guests that includes a complimentary hot skillet breakfast. For more information, contact Laura Neiswender, Director of Sales and Marketing, at (518) 889-5102.



Space for Rent: C9 has two offices for rent on a month-to-month basis at 107 Hermes Road. Rent includes use of the conference room, lobby and lunch room. For more information, contact Kevin Donegan, CEO of C9, at (518) 289-5831 or kevin.donegan@c9corp.com.

STEP Tenant Experience



"Locating our R&D and technology operations at STEP provides nfrastructure and its customers the benefits of a collaborative environment of talented people and companies focused on green initiatives that reduce the environmental footprint of technology. These initiatives are central in our efforts to bring our customers, which include many of the leading private and public enterprises in the U.S., green-technology solutions in the areas of data center, server and desktop virtualization, storage consolidation, power management, telepresence, and 'services sciences' targeted at more effective and efficient process-based solutions."

-Dan Pickett, Chairman & Chief Executive Officer, nfrastructure



Save the Dates!

Clean Energy & Sustainable Industries Early College Information Night



March 21, 2013
6:30pm – 8:00pm
TEC-SMART
345 Hermes Road, Malta

For more information, contact
Mary Burke at mb4@nyserda.ny.gov



Health Screening Event Provided by Saratoga Public Health

April 15, 2013
By Appointment/ Free of Charge
Malta Community Center
One Bayberry Drive, Malta

For more information, call 518-899-4411

Malta Trails Clean Up Day

April 20, 2013
10:00 am
Shenanthaha Creek Park

For more information, call 518-899-4411



Science, Technology, Engineering and Math (STEM): Change. Create. Collaborate. Contribute. Girls in STEM

April 20, 2013
9:00am – 3:00pm
TEC-SMART
345 Hermes Road, Malta

For more information, contact
Mary Burke at mb4@nyserda.ny.gov

American Red Cross Blood Drive

April 24, 2013
9:00am – 1:00pm
TEC-SMART
345 Hermes Road, Malta

For more information, contact
Tricia King at tek@nyserda.ny.gov



American Red Cross



Tech Valley Robot Rumble

May 11, 2013
10:00am – 2:00pm
TEC-SMART
345 Hermes Road, Malta

For more information, contact
Craig Warner at Warcra12.nycap.rr.com

13th Annual Smart Start UNYTECH Venture Forum

May 15-16, 2013
Desmond Hotel, Albany

For more information, contact
Elena D'Agnesse at elenaD@ceg.org

The Center for Economic Growth (CEG) TechConnex Energy & IT Forum

May 16, 2013

For more information, contact
Melanie LaRose at melanieL@ceg.org



CENTER FOR ECONOMIC GROWTH
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*Funding Opportunities
continued from page 10 . . .*

Solar PV Program Financial Incentive—PON 2112

NYSERDA provides cash incentives for the installation by eligible installers of new grid-connected solar electric or photovoltaic (PV) systems that are 7 kW or less for residential, 25 kW or less for not-for-profit, and 50 kW or less for commercial sites.

Solar Thermal Incentive—PON 2149

NYSERDA requests applications from qualified Solar Thermal installers for eligibility in a financial incentives program for approved solar thermal systems installed for eligible New York State customers.

Green Jobs - Green New York Small Business / Not-for-Profit Energy Efficiency Financing Program—PON 2293

NYSERDA is seeking statements of interest from lenders to participate in the Green Jobs - Green New York Small Business / Not-for-Profit Energy Efficiency Financing Program; and requests for financing from small businesses and not-for-profit enterprises who seek low interest rate financing to implement recommendations from qualified energy audits.

Incentive Pool to Support Energy Efficiency Training Program Accreditation—PON 2397

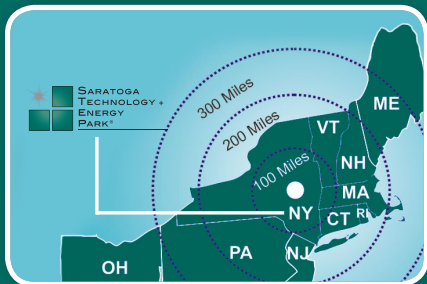
NYSERDA will provide reimbursement on a first-come, first-served basis to qualified training organizations in New York State that are eligible for and submit complete applications to the Interstate Renewable Energy Council Institute for Sustainable Power Quality Credentialing Program for accreditation of energy-efficiency training programs offered in New York State.

For more information visit
www.nyserda.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 the resources available to STEP tenant companies and their employees.

Building Success in Tech Valley



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STEP Tenants

