

**OXY-COAL PROJECT PROMISES ECONOMIC & ENVIRONMENTAL BENEFITS FOR JAMESTOWN AND UPSTATE NEW YORK...  
OXY-COAL TECHNOLOGY TO IMPROVE ENVIRONMENTAL AFFECTS OF BPU POWER PLANT**

*The Oxy-Coal and related CCS global market has the potential to generate 3,500 jobs and \$900 million in annual economic impact for New York State from 2012-2020*

The Jamestown Board of Public Utilities (BPU), Praxair, Inc., Ecology & Environment, University at Buffalo School of Engineering and Applied Sciences and Dresser-Rand announced on July 31 a potential carbon capture-and-storage (CCS) demonstration project that could become an international model for future energy development.

This world class-project development team, which also includes Foster Wheeler and Battelle Labs, will assess the application of Praxair's oxy-coal technology to the BPU's proposed Circulating Fluidized Bed (CFB) Clean Coal base project. If successful, this will be the first demonstration project of its kind in the U.S.

**Oxy-coal technology involves the efficient combustion of coal in a mixture of oxygen and recirculated flue gas. Oxy-coal technology lowers the cost to capture carbon dioxide (CO2), a by-product of combustion linked to global warming. Once captured, the CO2 is compressed and transported by pipeline to an underground storage site. Air emissions are reduced by a factor of 10 compared to the best air based coal burning technology currently available.**

An initial study conducted by Ecology & Environment (E&E), a Buffalo-based environmental consulting firm, projects that the Jamestown oxy-coal initiative could have the potential to grow into one of the most significant economic development opportunities in upstate New York.

"New York State already hosts leading globally integrated companies that for many years have supplied industrial process inputs, power generation equipment and components to European, South American and Asian markets impacted by the Kyoto protocol and carbon management initiatives", said George Rusk, vice president of E&E. "By leveraging their well established business relationships in the power sector, several local western New York companies are well positioned to benefit from the developing oxy-coal global market and the carbon sequestration initiatives that would be showcased in the Jamestown demonstration project."

**According to E&E, economic forecasts indicate that the global demand for oxygen supply systems, CCS and compressors will generate \$900 million in annual economic impact and 3,500 new jobs in future years (2012-2020) throughout New York State. Direct annual spending could potentially total \$575 million annually. Initially the Jamestown base project will create 300 construction jobs and generate \$29 million in short-term impact for the western New York region.**

The Jamestown BPU is the largest municipally-owned energy generating utility in New York State, providing service to the City of Jamestown and the surrounding area for more than 115 years. A final environmental impact study for a new CFB Clean Coal Base plant was approved by the BPU board in May. The study concluded that the proposed project would significantly reduce emissions from its existing coal-fired generation facility. The proposed cost for the CFB Clean Coal Base project is \$145 million.

"The BPU has been committed to developing and executing a plan to replace our aging plant facilities in a way that would meet or exceed environmental requirements, striving for carbon neutral or negative emissions," said John Zabrodsky, BPU Chairman. "The environment is a main focus and that is why we continue to pursue innovative carbon control technologies that will maximize the efficiency of our operations. The addition of Praxair's technology could take the project's environmental performance to a whole new level, drawing national and international attention to this initiative."

"We are thrilled that the Jamestown CFB project is in a position to play a key role in the demonstration and deployment of advanced CCS technology while continuing to provide low-cost power," said City of Jamestown Mayor Sam Teresi. "Jamestown has historically played a pioneering role on many fronts with respect to providing public power, deployment of hydropower, natural gas and district heating. We are now poised to play a significant role in development of worldwide energy technologies."

Praxair, a Fortune 300 company and the largest industrial gas supplier in North and South America, holds 200 patents relating to oxy-fuel combustion. The company's largest technology center, with 1,400



Dr. Harvey Stenger, Dean of the SUNY UB School of Engineering, addresses the assembled press at the Tonawanda, NY Praxair facilities. Seated left to right are George Rusk, Vice President, E&E; Elizabeth Powers, Vice President and Chief Administrative Officer of Dresser-Rand; BPU Board Chairman John Zabrodsky; Charles McConnell, Vice President Gasification & Oxy-Coal, Praxair; Dean Stenger; NYS Senator Dale Volker, Depew; NYS Senator Catharine Young, Olean; and Jamestown Mayor Sam Teresi.

employees, is located in Tonawanda, N.Y.

"This is an excellent opportunity to demonstrate new, world-class technology right in our own community," said Charles McConnell, vice president, gasification and oxy-coal technology at Praxair. "Demonstration projects are fundamental to building a road map to commercial implementation of carbon-dioxide capture technology in the future."

Houston-based Dresser-Rand Manufacturing, with 2,300 employees in Allegany, Cattaraugus and Steuben Counties, could realize an increase in employment ranging from 200 to 500 resulting from the Jamestown base and other oxy-coal projects. world wide. The company is a recognized leader in custom-engineered steam turbines and centrifugal and reciprocating compressors.

"Dresser-Rand is a leading supplier of carbon dioxide compression equipment with nearly one million horsepower of installed capacity globally," said Brad Dickson, Dresser Rand's vice president /chief marketing officer. "We're excited to be a part of this groundbreaking technology."

From the academic perspective, the University at Buffalo School of Engineering and Applied Sciences envisions the establishment of a UB Education and Research Center in Carbon Capture and Sequestration. The Center would cluster a core group of research and education faculty and staff with CCS expertise to study carbon dioxide separation, byproduct utilization, sequestration methods and outcomes and the optimal production of alternative fuels.

"The Center would become an internationally recognized destination where state of the art low-carbon-emission technology can be shared, displayed and disseminated to an international technical community and the general public," said Dr. Harvey Stenger, Jr., Dean, UB School of Engineering and Applied Sciences. "New senior staff members with doctorates in mechanical and chemical engineering, support staff and undergraduate and graduate students will be recruited for the Center adding to the career opportunities generated from the project. This is a once-in-a-life-time opportunity for our region that we need to bring to the forefront, and collectively make happen."



**BPU FALL CLEANUP  
Week of September 24th  
(no recyclables to be picked up this week)**

Please place cleanup items at the curb after 6:00 P.M. the evening BEFORE your normal garbage pickup.

Items to be picked up curbside include:

- clothes, dishes, pots & pans, toys, garden hoses, lamps, small appliances, small pieces of carpet, microwave ovens and portable televisions.

Small items should be contained in bags.

**WOOD and ALL-METAL ITEMS** should be taken to the landfill or transfer station.

**YARD WASTE** should be taken to the Fluvanna Avenue Yard Waste site.

**Questions?** Call the Garbage Hotline at 661-1651.



BPU Deputy General Manager Randy Peterson pours some award-winning water for BPU water engineer Terri Brown and BPU water accountant Donna Waddington.

**JAMESTOWN BPU  
QUALIFIES AT REGIONALS  
FOR STATE'S  
BEST-TASTING WATER COM-  
PETITION**

Jamestown BPU water qualified July 14 at the Monroe County Fair regional "Best Tasting Water" contest to advance to the State contest in September. The State competition will take place at the State Fair in Syracuse, New York.

The BPU won a blind taste test of water from six municipal Chautauqua County systems at Chautauqua Mall in May.

# Chautauqua County Chapter of Red Cross Honors BPU with Distinguished Service Award

The Chautauqua County Chapter of the American Red Cross recognized the Jamestown Board of Public Utilities with its Distinguished Service Community Partnership Award at its annual dinner in July.

The BPU was honored for the bloodmobiles it conducts every 56 days which meet or exceed donor goals; for Health and Safety CPR and First Aid workplace training of all employees; and for housing the Red Cross South County disaster equipment trailer.

The next BPU bloodmobile is set for 10 a.m.—3 p.m. Thursday, September 20, with lunch provided by Elegant Edibles.



When reporting street light outages, please provide the five-digit pole number to BPU Customer Service personnel when you call.

Knowing the pole numbers of failed street lights helps the BPU linemen identify the reported lights, resulting in speedier service.

Trying to fix a street light that is described as “three poles down on the right,” for example, is difficult to identify in daylight when linemen are working and all street lights are unlit.

Lineman Steve Hoglin (above) notes that reflective orange BPU five-digit numbers have been placed on all BPU poles in the past year, making it easier for customers to identify locations where street lights are not working. The letters “BPU” are beside each pole number.

To report non-working street lights, call BPU Customer Service at 661-1660 during business hours or 661-1640 after hours.



The BPU continues its tree trimming program, utilizing a private contractor, to minimize the number of power outages caused by trees touching power lines.

At left, Scott Smith demonstrates safe trimming techniques from an insulated bucket truck. Trimming trees away from power lines is undertaken following guidelines established by tree specialists.

Remember to avoid planting trees under lines.

**CHAUTAUQUA COUNTY  
HOUSEHOLD HAZARDOUS WASTE DROP OFF DAY  
SATURDAY, SEPTEMBER 8, 2007  
CHAUTAUQUA COUNTY D.P.F. BUILDING  
LOCATION: 454 North Work Street, Falconer, NY  
9 a.m. to 2 p.m.  
REGISTRATION FORM  
Bring completed form with you on the day of the event.**

NAME: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_

I certify that the material offered for disposal is household generated waste and is not in any way associated with any business or commercial practice.  
SIGNATURE: \_\_\_\_\_

**LIST ITEMS & AMOUNTS BELOW: Example: 2 cans Oil Based Paints**

**FROM THE GARAGE**

- \_\_\_ Transmission Fluids
- \_\_\_ Used Antifreeze
- \_\_\_ Brake Fluid
- \_\_\_ Carburetor Cleaner
- \_\_\_ Engine Degreaser
- \_\_\_ Waxes and Polishes

**FROM THE WORKBENCH**

- \_\_\_ Varnishes
- \_\_\_ Stains
- \_\_\_ Floor/tile Adhesive
- \_\_\_ Roofing Tar
- \_\_\_ Paint Stripper
- \_\_\_ Turpentine
- \_\_\_ Paint Thinners
- \_\_\_ Sealants
- \_\_\_ Wood Preservatives

**AROUND THE HOUSE**

- \_\_\_ Oil Based Paints
- \_\_\_ Chemistry Sets
- \_\_\_ Resins & Adhesives
- \_\_\_ Computers & Peripherals
- \_\_\_ Dry Cleaning solvents
- \_\_\_ Drain & Toilet Cleaners
- \_\_\_ Nail Polish
- \_\_\_ Fluorescent Light Bulbs
- \_\_\_ Oven Cleaners
- \_\_\_ Airplane & Hobby Glues
- \_\_\_ Rubber Cement
- \_\_\_ Photography Chemicals
- \_\_\_ Flea Powder & Spray
- \_\_\_ Non-empty Aerosol Cans
- \_\_\_ Furniture & Floor Polish

**HOME COMPUTERS AND MONITORS**

**AROUND THE YARD/GARDEN**

- \_\_\_ Weed Killers
- \_\_\_ Chemical Fertilizers
- \_\_\_ Herbicides
- \_\_\_ Pesticides
- \_\_\_ Pool Chemicals
- \_\_\_ Ant Spray

**WE WILL NOT BE ACCEPTING LATEX PAINT AND WASTE OIL**

- LATEX PAINT CAN BE DRIED UP WITH KITTY LITTER & DISPOSED OF WITH YOUR HOUSEHOLD GARBAGE.
- WASTE OIL CAN BE DISPOSED AT ANY FACILITY PERFORMING OIL CHANGES.

FOR MORE INFORMATION CALL 1-800-835-9362 OR 985-4785  
Sponsored by Chautauqua County and Chautauqua County Hazmat  
New York State Department of Environmental Conservation  
Storer's Container Service, City of Dunkirk, Town of Sheridan

OFFICE OF THE CHIEF OF POLICE  
JAMESTOWN POLICE DEPARTMENT  
Municipal Building, Jamestown, New York 14701  
(716) 483-7632

The Jamestown Police Department is conducting a follow-up survey to assess the citizens' evaluation of the quality of service that the department provides. This survey mirrors a survey conducted in 2006. We ask that those interested in participating in this process respond to the survey, even if you responded to the 2006 survey with the same questions. This will allow us to better assess the change in citizen satisfaction from the original survey to the present. The survey is being distributed in cooperation with our partner the Jamestown Board of Public Utilities in the utility bill in order to reach as many city residents as possible. This survey is anonymous and can be returned with your utility bill, or can be mailed or dropped off at the address provided above. While we encourage your participation, this program is completely voluntary and has no bearing on your utility payments in any way.

PLEASE CHECK THE BOX THAT MOST ACCURATELY EXPRESSES YOUR OPINION.

1. HOW WOULD YOU CATEGORIZE THE CRIME RATE IN THE CITY OF JAMESTOWN?  
Extremely high    Somewhat High    Average    Somewhat Low    Low
2. DO YOU FEEL SAFE IN THE CITY OF JAMESTOWN?  
Always    Almost Always    Sometimes    Seldom    Never
3. HOW SATISFIED WERE YOU WITH THE PERFORMANCE OF THE JAMESTOWN POLICE DEPARTMENT IN 2006?  
Very Satisfied    Somewhat Satisfied    Not Sure    Somewhat Dissatisfied    Very Dissatisfied
4. DID YOU RECEIVE SERVICE FROM THE JAMESTOWN POLICE DEPARTMENT IN 2006?  
YES    NO
5. IF YES, HOW SATISFIED WERE YOU WITH THE SERVICE THAT THE JAMESTOWN POLICE DEPARTMENT PROVIDED YOU?  
Very Satisfied    Somewhat Satisfied    Not Sure    Somewhat Dissatisfied    Very Dissatisfied

**ANY ADDITIONAL COMMENTS, CONCERNS, OR SUGGESTIONS:**

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