

ASME Tour

Where: Selkirk Cogen, Selkirk, NY

When: Saturday, September 27th
Two tours 8AM & 10AM

To reserve your spot, contact Fred Willett
(willett1@asme.org or (518) 347-0271) by
Wednesday, September 17th.

About Selkirk Cogen

Selkirk Cogen is a 345 MW Combined Cycle Cogeneration Facility owned by Selkirk Cogen Partners, LP and operated by GE. The facility supplies process steam to the GE Plastics Selkirk manufacturing site, and electric power to Niagara Mohawk, Consolidated Edison, and the New York ISO market.

Phase I is comprised of a single GE Frame 7EA gas turbine generator, one supplementary fired Heat Recovery Steam Generator (HRSG) supplied by Zurn, and a 12 MW straight non-condensing GE Steam Turbine Generator. Cooling is provided by a 2 cell counter flow cooling tower supplied by the Marley Co. Phase I emissions controls are based on gas turbine steam injection for NOx control. Phase I entered Commercial service in April of 1992.

Phase II, consisting of 2 GE Frame 7EA gas turbine generators, 2 supplementary fired HRSGs supplied by ABB Combustion Engineering, and a 150 MW Single Automatic Extraction/Admission Condensing GE Steam Turbine Generator. Cooling is provided by a 9 cell, plume abated, cross flow cooling tower supplied by the Marley Co. Phase II emissions controls include gas turbine steam injection and Selective Catalytic Reduction (SCR) in the HRSGs. Phase II entered Commercial service in September of 1994.

Tour Logistics, Safety, and Security Requirements

Visitors need to sign in 15 minutes prior to the scheduled tour start time at GE Plastics Security, located ~ 1/4 mile inside Gate # 2 off Creble Road/CR 55. Note, Due to increased security concerns, two forms of identification will be required. From GE Plastics security, visitors will be directed to drive to the Selkirk Cogen parking lot, park, and be admitted through the security turnstile at the Cogen plant by the plant hosts. The tour will last approximately 1.5 hours.

Safety and Security Requirements: The plant will be in full operation and strict safety and security procedures will be followed. The tour route will include indoor and outdoor areas, climbing stairs, high noise and high temperature areas.

- Two forms of identification required. At least one must be a photo ID.
- Non-US citizens must demonstrate proof of residency.
- No cameras allowed. Pocket books and backpacks should be left in your vehicles.
- No children under the age of 16. No smoking is allowed.
- All visitors agree to follow site safety rules as administered by plant personnel and tour guides.
- All visitors agree to follow the direction of the tour guide at all times and not deviate from the tour route.
- Long sleeves are required. No short sleeves, short pants, or skirts allowed. Sturdy, enclosed shoes with hard soles must be worn.
- Hard hats, safety glasses and earplugs will be provided by Selkirk Cogen.

Directions:

From NYS Thruway Exit 23:

After exiting tollbooth, turn RIGHT onto US-9W. Continue to follow US-9W South approximately 1.25 miles. Bear right to go onto NY-32 S. for 3.22 miles. Turn LEFT onto NY-32. Continue to follow NY-32 for 2.7 miles Turn LEFT onto CR-55/CREBLE RD. Go approximately 1.4 miles. Turn LEFT into GE Plastics Gate #2. This is East Road. Go 0.2 miles to Stop sign. Turn left on Warehouse Road and proceed ~200 yards to GE Security Building. Park on left and sign in with GE Security.

From NYS Thruway Exit 22:

After exiting tollbooth, turn RIGHT onto Route 144 for 0.4 miles. Turn RIGHT onto Route 396 for 2.1 miles. Turn RIGHT onto Rt 9W North for 0.6 mile to blinking traffic light. Turn LEFT onto CR 55 (Creble Road). Continue 2.6 miles, turn right into GE Plastics Gate #2. This is East Road. Go 0.2 miles to Stop sign. Turn left on Warehouse Road and proceed ~200 yards to GE Security Building. Park on left and sign in with GE Security.

From GE Plastics Security to Selkirk Cogen:

Turn around and take Warehouse Road and East Road out to Creble Road/CR 55. Turn right onto Creble Road and proceed 0.4 miles to Power Park Drive. Turn right onto Power Park Drive. Proceed one hundred yards up the driveway and park in the Selkirk Cogen Parking lot. Plant hosts will direct you through the turnstile gate.

**THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS
HUDSON MOHAWK SECTION**

Paul Kehoe
278 Kenwood Avenue
Delmar, NY 12054

**NON PROFIT ORGANIZATION
U.S. POSTAGE PAID
SCHENECTADY, NY
PERMIT #334**

Fist come, first serve. Contact Fred Willett at 347-0271 or willettf1@asme.org by September 17.

Message from the Chair

As we begin the 2003-2004 program year, there are some changes to our Executive Committee. Please welcome Francisco Moraga as Vice-Chair and Ramesh Gambheera as Newsletter Editor. David Smith has changed roles, and now is a section officer, taking on the position of Secretary. Thanks to David for his fine work as Newsletter Editor. Tom George also changed roles, and is now our History and Heritage Director. Finally, thanks to Frank Reed and David Shapiro for their hard work as Vice-Chair and Newsletter Editor, respectively.

We have many excellent program ideas on tap and need just a little help to turn them into successful programs. Volunteering for the Program Committee is a great way to get involved with your local section and make contact with your engineering colleagues. Interested volunteers should call me at 347-0271.

While some members still prefer to receive their newsletters through the US Mail, the web-based newsletter is gaining in popularity. The web-based version is always available before the paper version goes to the printer. Since we use ASME's e-mail system to notify members when the newsletter is uploaded, it's important that your correct e-mail address is on file at ASME. Members can update their contact information at: <http://members.asme.org/myasme/login/myasme.cfm> Section officers cannot update any contact information except their own.

We expect a great program year in 2003-2004. I look forward to seeing you at one or more of our meetings.

Fred Willett

Distribution of Section Newsletter

The Hudson Mohawk newsletter is posted at:
www.asme.org/sections/udson-mohawk.

Once each newsletter is posted on the Section's web page, an e-mail notification and link to the above website is sent to members who have e-mail addresses in the ASME member database. If you are an active member of ASME and did not receive an e-mail notification, please go to the ASME web site and update your membership information.

<http://members.asme.org/myasme/login/myasme.cfm>

Employment Opportunity

Reliability Engineer: Responsible for identifying /troubleshooting bottlenecks in equipment and/or systems, applying preventive/predictive technologies, creating monitoring/performance metrics to evaluate program success. Contact: Organichem, Riverside Avenue, Rensselaer, NY 12144. Phone number 518-433-7742 and Fax: 433-7749.

Tribology Publications

A collection comprising forty-nine years of "Lubrication", a monthly publication from Texaco, is available, at no charge, to any interested member. This slice of engineering history is full of pictures and articles on many types of machinery. For information, contact Rodger Anderson at 347-0272