

ASME Hudson-Mohawk Section PSEG Power: Bethlehem Energy Center Tour

Thursday, December 14th 2006
4:00 PM – 5:00 PM

Meet at 3:30 PM at the PSEG Guardhouse.



Bethlehem Energy Center
380 River Road
Glenmont, NY

RSVP by Noon November 14th, 2006

David Smith (smithd2@asme.org) : 518-385-1234.
PSEG Requests Citizenship Information.

The Bethlehem Energy Center is a 750 MW state-of-the-art, combined-cycle plant fueled by natural gas. The BEC is located on west shore of the Hudson River in the town of Bethlehem, NY, three miles south of Albany.

The BEC was built to replace the Albany Steam Generating Station, a 376 MW oil/gas plant in operation since 1952, which was purchased by PSEG Power in 2000. The efficient process of combined-cycle technology enables the BEC to use 36 percent less fuel than the Albany Station to generate each kilowatt-hour of electricity. In addition, the BEC is equipped with an advanced closed-cycle cooling system.

The facility is among the cleanest power plants in New York, reducing emission rates of nitrogen oxide and sulfur dioxide by more than 98 percent. The plant draws 99 percent less water from the Hudson River than the old Albany Station. In addition, the project produced significant economic benefits in terms of construction spending, jobs, and increased business activity over the long term.

The project generated widespread community support and was endorsed by a number of environmental organizations including the American Lung Association of New York, the Natural Resources Defense Council, the Hudson River Keeper and Scenic Hudson Inc.

PSEG Power began commercial operation in June 2005 and retired the existing Albany station 2005.

For the tour:
Personal Protection Equipment (PPE) can be provided, required PPE is:

- hard hat
- safety glasses with side shields
- regular street shoes are OK, no open toe shoes or sandals,
- long sleeve shirts.

Please bring your own if you have it!

Must RSVP by Noon November 14th

PSEG's security policies dictate that a complete list of attendees (including the citizenship of each attendee) be submitted at the time an official request is made for a tour. PSEG security, and the plant manager, makes the decision on whether the tour will be given, after receiving the list of names. The formal request for tour must be made at least 30 in advance of the proposed tour date.

If you have an interest in joining the tour, even if you are not positive you can make it, we suggest signing up for it. You can be crossed off the list if you cannot make it, but you cannot be added after November 14th.

An informal request for tour has been discussed with PSEG, and they are expecting the request (for the December 14th tour), with list of names, on November 14th.

**THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS
HUDSON MOHAWK SECTION
PO BOX 206
Schenectady, NY 12301**

Directions to Bethlehem Energy Center

380 River Road
Glenmont, NY

From the North

From NY Thruway, get off at exit 23.
After paying toll, immediately get off to right
Take RT 9W south, turn right to get on 9W
Go @ 1.3 miles to traffic light, with the Quality Inn on your right, and
the big M truck stop on your left
Turn LEFT at this traffic light, go down to the bottom of the big hill,
Turn RIGHT at the T intersection, go @ 1 mile, look left, that is the power station.
Turn LEFT to enter plant

From the South

From NY Thruway, get off at exit 22,
After paying toll take a LEFT on River Road, heading north,
Go @ 5 miles, the power station will appear on the right.
Turn RIGHT to enter the plant

From Route 787, traveling south,
Get off at exit 2, <South Pearl Street, RT 23, Port of Albany>
Go to traffic light and turn LEFT on South Pearl Street,
Stay on this road and it becomes River Road when leaving the city of Albany,
Travel @ 3 miles, the station will appear on the left,
Turn LEFT into the station

Opportunities:

A manufacturing company in the Albany/Troy, NY area that is seeking a Mechanical Design Engineer with experience in SolidWorks

Functional:

Work as a team member of the engineering team to perform product design and product maintenance of existing and new products. Document the product description and function in an overall bill of material, specification library and SAP. Create and maintain the overall product definition and geometry of the product in

the SolidWorks Product Data Manager utility. Provide production oversight and support in local factories and site installations.

Requirements include:

BSME or equivalent. Field or design experience with product design, maintenance or operation. CAD Design and BofM management. Prior experience with Product Configuration Control using Product Data Base Tools. Strong team player with ability to work with a distributed team. Strong communication capabilities to maintain schedules, resolve technical issues and meet delivery requirements. Ability to support customers globally. Overall travel expected to be less than 25% on average.

Please email/call:
Robert Y. Cunningham
Profile Distillers Ltd
ryc@profiledistillers.com
914-241-2450

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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.
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