



April 2002

David Shapiro, Co-Editor

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ASME Hudson-Mohawk Section

Newsletter

WINDMILL FARM TOUR

**Madison Wind Farm
Madison, NY**

Saturday, May 4, 2002

9:00 AM – 3:30 PM

Cost: \$10 for members
\$15 for non-members

We will leave by chartered bus from Schenectady CCC

We will tour a windmill farm on Route 20, in Madison, NY. The windmills, owned by PG&E, were made and are maintained by the Danish firm Vestas. Power is supplied to a NYSEG 115kV line that runs near the site. There are seven 1.65 MW units on the site, all fully controlled and remotely monitored via computer. These are the largest windmills installed in the US. Each blade is 12 feet wide by 110 feet long and rotates up to 20 RPM.

The property owners, Carl and Bonnie Strong will give the tour and presentation. They took the original wind data at the site and documented the entire installation, such as the concrete pours for the base and erection of the towers. They will open up a tower.

Instructions:

We'll meet at Schenectady County Community College on Saturday morning, May 4, at 8:30 AM. We've hired a motor coach to take us to the windmill farm. After the tour, we'll re-board the coach for a short trip to a nearby restaurant for lunch. We'll return to SCCC after lunch, with an estimated arrival time of 3:30 PM. The coach capacity is 47, so reserve your spot early.

New York has as much wind energy potential as California. Wind energy is the fastest growing energy technology in the world. Electricity production from wind power is clean, quiet and efficient and reduces acid rain, mercury, smog and climate change pollutants. (However, the windmills are visible from great distances and change the landscape.) Wind energy development is an excellent economic growth strategy for upstate NY, delivering construction jobs, expanding the tax base

for municipalities and producing income for farmers and landowners.

The Madison plant is New York's first commercial wind farm, and highlights the growing attractiveness of wind energy as a source of electricity in the northeastern U.S. A 6.6-MW wind project is also nearing completion in Wethersfield, Wyoming County, New York. Vermont is home to the region's first wind plant, a 6.05-MW project installed in 1996, and a 10.4-MW wind facility began operating earlier this year in Somerset County, Pa. In addition, construction is scheduled to begin soon on a second and slightly larger (12-MW) wind project in Madison County, in the town of Fenner.

VIBO-RAMA 2002

As was the case last year, there was a nice turnout for this year's event. Attendees heard technical presentations on many topics involving measurement.

Vendors displayed items in the areas of:

- SENSORS
- INSTRUMENTATION
- SYSTEMS
- SERVICES

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Section Web Page

Section members Govind Rengarajan and Sami Aslam are the Webmasters for this section's website. For those receiving this newsletter as a hard copy, please consider receiving this by e-mail. You will receive the newsletter and event announcements quicker. It also helps decrease mailing cost. Our goal is to have 100% email. The web address to see the newsletter on-line is: <http://www.asme.org/sections/hudson-mohawk/>

Please send your comments to:

Govind Rengarajan rengarajan@crd.ge.com or

Sami Aslam sami.aslam@ps.ge.com.

Tour

Tire Conversion Technologies

Scotia, NY

Thursday, April 11, 2002

6:00 PM – 7:30 PM

The tour will meet at the main entrance

TIRE CONVERSION TOUR

Tire Conversion Technologies (TCT) is a local manufacturing company that makes steel-reinforced rubber products for the automotive and construction industry. The company's products include bumpers and edging for commercial applications and snow plow blades and flaps for trucks. For more information, visit their website at www.duraboard.com.

TCT is an excellent example of responsible manufacturers making productive use of discarded or waste materials. TCT uses scrap automotive tires as

the raw material for its products. Unlike most tire recyclers who burn tires for heat or power generation, TCT reuses the tires in an environmentally-friendly way to make new products. The night's event will start with a tour on these manufacturing facilities. This tour will also be of interest to entrepreneurs and small business operators. The tour will include a discussion of the market development strategy and control of the intellectual property which is vital to the business. Some of the success stories for the business will also be highlighted in the discussions! For those interested after the tour, we will make reservations at a local restaurant for dinner and more discussions.

Directions:

From Route 5 Eastbound, from Exit 26 on 890: Drive until you see a sign for Corporations Park. Turn left at this light. Turn left at Codino's Warehouse intersection. The first building on your left is 605 Corporations Park; Visitor Parking is on the side of the building, by the main entrance. From Route 5 Westbound: Travel into Scotia on Rte. 5 until you reach Maalwyck Park on your left. Make a right into Corporations Park. Turn left at Codino's Warehouse intersection. The first building on your left is 605 Corporations Park; Visitor Parking is on the side of the building, by the main entrance.

Contact:

RSVP to Frank Reed: 518-385-4264, frank.reed@ps.ge.com by April 9. Also let Frank know of you intentions for dinner afterwards.

**THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS
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