



Buffalo Section Meeting

Joint with the Power Energy, Industrial Applications, Computer, Microwave Theory & Techniques, Antennas & Propagation, Communications, Control Systems, Engineering Management, and GOLD Societies

Saturday, June 13, 2015, 10am - noon

Aria Energy's Power Plant & H2Gro Greenhouse Tour

Saturday, June 13, 2015, 10:00 a.m. We will meet first at H2Gro Greenhouses for an introductory presentation and then carpool over to the power plant across the street.

Safety:

For safety purposes please wear non-slip shoes. No flip flops, sandals or heels, but sneakers are fine. We recommend that you do not wear perfume or cologne as it attracts the bees who help us grow nice round tomatoes.

Location & Directions:

H2Gro Greenhouses is located at 1430 Pletcher Rd, Youngstown, 14174 with parking access off Pletcher Road.

To H2Gro from the south:

North on I-190 toward Niagara Falls.

Exit 25A off I-190 to 265/Military Road (There's only one more exit before the bridge to Canada, so exit at 25B if you miss 25A.)

Left off the ramp and straight through the light toward Lewiston

Right onto Rt 104

Exit onto NY 18E/Creek Road Extension (the first exit)

Continue on NY 18E/Creek Road a couple miles

Turn Right at Pletcher Road (after Swan)

The greenhouse is a couple miles down on the right - can't be missed.

Problems - Call Katy at 716-474-8902.

Background Information:

Modern Landfill has 232 acres permitted for landfill. It processes up to 815,000 tons of non-hazardous, municipal solid waste per year or about 3,000 tons per day, from WNY and Southern Ontario, Canada.

Aria Energy's Model City Power Plant uses 3-4,000 cubic feet of landfill gas per minute to supply 11 generators that convert the energy to electricity and heat. A portion of the electricity and heat are used by H2Gro Greenhouses and the rest is sold and supplied through the grid.

H2Gro Greenhouses is a hydroponic greenhouse that produces over 5 million pounds of vine-ripened tomatoes per year. It's electricity and heat are provided from a landfill gas to energy system and no herbicides or pesticides are used. More information is available at <http://moderncorporation.com/h2gro-greenhouses/>.

Lunch / social will follow after the tour at the Brickyard Pub and BBQ, 432 Center Street, Lewiston, NY 14092. <http://www.brickyardpub.com/>

Reservations by noon, June 12, 2015. Maximum 35 people for the tour.
Contact Judy Moskal at 689-6689 or jmoskal@ieee.org