

PES 2008 General Meeting Technical Tours

Power Distribution Substation Tour

Hosted By:

Duquesne Light Company



Qty Two (2) Tours Available: (Information Subject to Change Without Notice):

Tour # 2TU22AM Tuesday July 22, 2008
Tour # 2WE23AM Wednesday July 23, 2008

Registration: On Line at PES-2008 Website

Tour Cost: See Registration

Tour Capacity: 20 People Maximum Per Tour

Tour Duration: Departs Convention Center 8:00 am Returns 12:00 Noon

Note: Attendees must wear cotton clothing with sleeves over shoulders and shoes with enclosed toes. Hard hats, safety goggles and PPE over-clothing will be provided. PPE over-clothing provided courtesy of Salisbury Electrical Safety LLC will consist of 8-Cal pants and jacket, plus insulated rubber over-boots



From the outside, the Arsenal substation in Pittsburgh hasn't changed much – its tan stone walls still blending inconspicuously with the row houses across Liberty Avenue. Inside, however, the substation has undergone almost a complete transformation. As part of the ongoing infrastructure investment program, the company basically has rebuilt Arsenal's yard – 138kV Westinghouse gas insulated switchgear was abandoned and replaced as an air insulated yard and a new 345kV GIS provides a tie to the 345kV transmission system. The substation also includes a phased renovation of 23kV air-magnetic switchgear with new Metal Clad switchgear with vacuum circuit breakers. Coupled with the fact that new underground transmission lines are being built between Arsenal and the Highland substation in Pittsburgh's East Liberty neighborhood, it's quite clear that it's been one of the company's busiest work sites.

Company Website: www.duquesnelight.com