NYSSPE Long Island Chapter Presents

Wednesday – June 17, 2020, 6:00 pm – 8:00 pm
2 PDHs

Topic: Geothermal Seminar
Presenter: Paul K. Boyce, PE, PG

This seminar will be presented online using Zoom
Pre-Registration is required

The seminar is open to all
$25 for Members; $50 for non-members

Registration in advance for this webinar is required.
Click the Paypal button below. After payment, please follow the prompts to return to the Merchant Site to complete your registration.

After registration is complete, you will receive a confirmation from Zoom with the log-in information

PROGRAM:
Design of New Geothermal System for St. Patricks’s Cathedral
PWGC collaborated in the design of a new geothermal HVAC system for St. Patrick’s Cathedral with the Client/Owner’s architect, and representative. Based on an initial feasibility study, a geothermal plant option compared to a new traditional system would save over 25% of the annual energy costs, and would be more compact & virtually invisible to the public. The Client/Owner selected the geothermal option, consistent with Pope Francis’ vision of preservation and responsible stewardship of our planet. PWGC and Landmark Facilities Group (LFG) designed the 10-well system as well as
the reversible chillers and the new chilled and hot water piping distribution system. The interface between the two firms’ work is a series of plate-frame heat exchangers on a geothermal manifold in the plant. PWGC and LFG collaborated on the well capacity needed to meet the cathedral’s heating and cooling demand annually and into the future.

**Presented by: Paul K. Boyce, PE, PG**
**PW Grosser Consulting**

Paul K. Boyce, PE, PG is President of PW Grosser Consulting. An environmental engineering professional for more than 20 years, Mr. Boyce has an impressive portfolio of successful project strategies, designs, management and execution. He is an expert in providing commercial, public, and private clients with targeted analyses, designs, modeling services, investigations, master planning development, construction oversight, and regulatory as well as sustainability consulting. His experience covers a broad spectrum of remediation designs and techniques, such as combining institutional controls and engineered systems to create workable, cost-effective solutions. Mr. Boyce looks beyond the obvious to determine whether new natural techniques will achieve the client’s long-term plans, limit future liability and have the least impact on overall operations. He assists clients with choosing conventional technologies and implementing them for use to their fullest capacity. Mr. Boyce has earned a reputation with clients and within the industry for his vast hands-on experience in assessing feasibility of existing systems and providing financially sound modifications.

**After registering online, you will receive a confirmation email containing information about joining the webinar.**

NYSSPE – Long Island Chapter  
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