



Save the Date

Chapter Meeting
January 14th



Meeting Location: Casa Rina
886 Commerce Street
Thornwood NY 10592

5:30 - 6:00PM Arrival and Networking
6:00 - 7:30PM Buffet Dinner
7:30 - 8:30PM Main Presentation

\$25 Members, \$30 Non-Members
*Complimentary Admission for
Engineering Students*

Walk-ins and General Public Welcomed

How to Reduce OA (Energy) and Maintenance While Providing Exceptional IAQ Using ASHRAE 62 IAQP (PDH Available)

The presentation will cover how energy can be saved by ventilation air reduction based on ASHRAE 62 IAQ Procedure by utilizing cold plasma air cleaning technology, all while remaining code compliant. The reduction in maintenance (old cooling coils become clean and new coils remain clean) due to the cold plasma will be covered. In addition, the health benefits by the reduction of VOC's, particles, pathogens and mold spores will be covered plus a case study on a recent college in Florida that used cold plasma technology to reduce outside air while providing exceptional IAQ will be discussed.

Presented by Charles Waddell. Mr. Waddell is the president of Global Plasma Solutions, a Savannah, GA based air purification-company with satellite offices in Roanoke, VA and Abu Dhabi, that specializes in education and healthcare air quality and energy saving solutions using cold plasma technology. Mr. Waddell's experience includes designing mechanical, electrical, refrigeration and control systems in the commercial and industrial HVAC markets as well as assisting engineering firms in the design of over 400 K-12 schools throughout North America. Mr. Waddell has over 14 years of HVAC design experience and over 11 years of sales and management experience. He has presented at over 35 different ASHRAE meetings in the last 5 years. Mr. Waddell's latest accomplishments include receiving four patents and having an article published in Engineered Systems Magazine on Desiccant Dehumidification.