

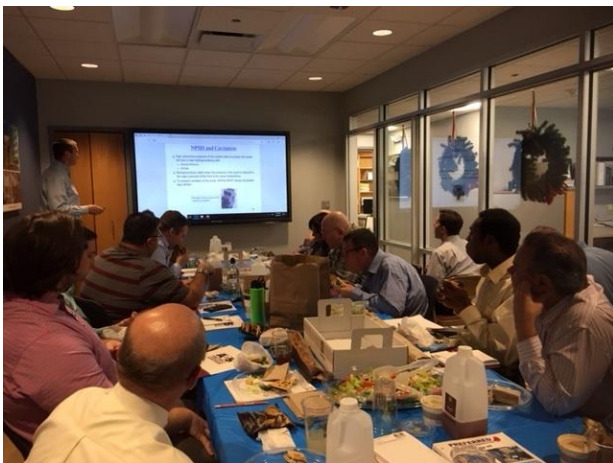


**Mohegan Sun Casino** installs new Cain Feedwater Preheater Economizer on the first of (4) 60,000 lb/hr watertube boilers. The payback period is expected to be 4.9 months. Economizer has field replaceable stainless steel tubes and an integral by-pass to prevent over-heating.



### ANOTHER FEATURED RETROFIT

ACS and Rocon successfully installed the first Preferred Utilities API Burner into a New York City School. The burner replaced a 70 year old Rotary Burner that had reached the end of its practical life. The new burner features high turn down and low emissions and high efficiency



### LUNCH AND LEARN

Ed Twiss and John Haber of ACS recently completed a Lunch and Learn at Lizardos Engineering on Boiler and Generator Fuel Oil Pumping and distribution . The presentation discussed:

- Typical system layouts
- Units and terminology
- Fuel oil pumping basics
- System applications
- Pump set choices, system design
- Long term storage of fuel considerations
- Code caveats of the 2014 NYC building code
- 1 PDH Credit

***ACS SPOTLIGHT: New Products for your next Boiler Project***



### DE DIETRICH GT 430

The GT 430A Series is a eutectic **cast iron** 3-pass, high efficiency, large net output, low operating temperature, designed boiler. These boilers are specifically designed for oil / gas / propane firing. The GT430 A is equipped with a simplified control panel with built-in on/off limit, high limit, manual reset limit and temperature gauge. The GT 430 A is a Three Pass Design with large combustion chamber and horizontal flue passes with fins. The heat transfer is enhanced by the fins and eutectic cast iron baffles.

This body design assures:

- Efficiency up to 88%
- Low pressure drops
- Low noise level
- High thermal efficiency and heat transfer

[Click here for a Catalog Cut](#)

## Is it Time to upgrade your obsolete Single Loop Controllers ?

Preferred Utilities designed the PCC-IV Loop Controller to seamlessly replace the PCC-III when the hardware is too old to function. Look no further than Preferred for upgrades and the next generation of quality technology. The PCC-IV is a complete control solution for individual boilers or multiple control loops. With upgraded technology and increased longevity, the PCC-IV is also a great replacement for the Siemens/Moore 352 and 353 models (out of production October 2017). With added features and a retentive memory that lasts 5x the lifespan of the Siemens controllers, the PCC-IV is prepared for any application.



### RIELLO BURNERS

ACS can now assist your small burner requirements with Riello Burners. With many years of experience in the design and manufacture of Burners, Riello has developed a new Commercial range of product, the New R Series. This new series offers a high degree of flexibility in order to satisfy the needs of applications in the North American market whilst maintaining an integrated design. The current product series will remain available along side the new for our customer applications which have been designed with a European style control strategy.

- 75 to 500 HP
- Oil/Gas/Dual Fuel
- Low Nox
- Siemens LMV Control
- VFD On FD Fans

[Visit the Riello Website](#)



[Download Cut Sheet](#)



### THE ABSOLUTE BOILER:

A Condensing Gas Fired Boiler constructed of Aluminum that weighs half of what a steel boiler weighs. Great for roof tops and elevators. The ABSOLUTE “ABS SERIES” utilizes a durable sectional cast aluminum heat exchanger engineered and designed in Europe. The ABSOLUTE “ABS SERIES” heat exchanger also provides additional efficiencies with large water ways, reducing the pressure drop through the boiler! We are so confident in our heat exchanger, we provide an industry leading warranty-

- Cast Aluminum Sectional Heat Exchanger
- 10 to 1 Turndown
- Honeywell Sola Boiler Control System
- Compact Light Weight Packaged Boiler
- Five Models from 1,500 to 4,000 MBH
- Low NOx Standard
- 10 Year Thermal Shock Warranty

[Click here for Brochure](#)



### PROJECT FOCUS ON LOW NOX RETROFIT:

ACS recently received an award for our Principle, Zeeco, for an emissions reduction project for NRG Middletown Station - their Startup boiler was in need of meeting CT emissions requirements. In addition to working on guaranteeing the emissions performance, Zeeco also worked to mitigate the overall cost of the project by providing a burner “kit” that would be retrofitted into the existing burner and still meet the required emissions. The Plant Manager for Middletown Station composed a reference letter for Zeeco based on the exceptional performance of the overall project.

[Click Here to find a Contact](#)

### NYC 80 50 Mandate to reduce emissions

Mayor Bill de Blasio announced new mandates that will force building owners to make sharp reductions in greenhouse gas emissions. The new rules will compel owners to meet fossil fuel caps – requiring deeper upgrades to boilers, water heaters, roofs and windows on an accelerated 2030 timeframe – with sharp penalties for failure to comply. This will encourage the use of new high efficiency burners, Condensing Boilers, Economizers and controls. See the attached link for the Mayor's press release.

[NYC 80 20 Document](#)

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***FIRE IT UP !***