



## **OCTOBER 2016 LUNCH PROGRAM**

**THURSDAY OCTOBER 20**

**11:30am-1:00pm**

**Penrose Library**

**20 North Cascade Ave**

**COLORADO SPRINGS, CO 80903**

**Oscar Peraza - Chillers**

**Shannon McAuliffe – Central Plant Optimization**

The topics covered for chillers will include: Quick review of refrigerant cycle for chillers, main component of a chilled water system & their relative size, how do chilled water & condenser water temperature impact overall system efficiency, when does it make sense to put a VSD on your chiller, and the latest update on refrigerants.

The topics covered for Central Plant Optimization will include : Multiple applications to be discussed.

### **Speaker Biography**



**OSCAR PERAZA** graduated from Texas A&M University with a Bachelor of Science degree in Mechanical Engineering. Upon graduation from TAMU in 1988, Oscar went to work as a Sales Engineer of York International in its Houston office. From 1994 through 1998 he served as Manager of Agent Sales for York's Southwest Region. He returned to the Houston office where he served as Senior Account Executive for York, then Johnson Controls when JCI bought York in 2005. Oscar's career has led him to focus and serve a select group of clients allowing him to specialize on the application and sales of chillers. Twenty-eight years of specializing in chillers led him to his current position with JCI. Currently, Oscar serves as the Regional Product Manager for JCI's Chiller products in its West Region.

**SHANNON MCAULIFFE** has been with Optimum Energy Company for 6 years and has extensive industry experience in client relations and delivering projects to close. Shannon brings 20 years of experience in the HVAC industry as a sales professional and has represented every stakeholder within the mechanical industry. His experience provides him the ability to articulate the value of Optimizing a plant from conceptual design to implementation. Project experience while at Optimum Energy include University of Texas Austin, University of Texas Health Science Center, Baylor University, Rice University VA Hospital Waco, and Six Texas Health Resources Hospital Sites. Shannon has a B.S. Industrial Distribution from University of Houston.

**Please R.S.V.P. to [amorris@long.com](mailto:amorris@long.com)**

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