**FEBRUARY TECHNICAL MEETING**

**OPTIMIZING PUMPS AND PUMPING SYSTEM OPERATION**

**SPEAKER: SHEREZAD SHAHFAQ**

We welcome you to join us for our technical meeting at the Hotel Biltmore in Santa Clara for an evening of sharing knowledge, fun, and networking.

**Date:** February 12th, 2020  
**Location:** Hotel Biltmore  
2151 Laurelwood Rd, Santa Clara, CA 95054  
**Time:**  
Check-in and Social: 5:30PM  
Dinner: 6:30PM - 8:15PM  
YEA Mixer: 8:30PM – Last Call  
**Cost:**  
Early bird Registration fee: $ 50/- (by Midnight Feb 5th)  
Late Reg/Walk-ins/Non-Members: $ 60  
**RSVP:** [https://sjashrae.org](https://sjashrae.org)
Sherezad Shafiq is the Director of Service & Aftermarket Sales for Grundfos – a Danish Pump manufacturer. Sherezad is a mechanical engineer and is presently pursuing his MBA in Sustainable Solutions. He has been with Grundfos for 15 years and during his tenure, has worked in various departments – engineering design, operation, sales and service. In his present role Sherezad is responsible for Grundfos Service and Solutions team in the Western USA. He is the leader of two teams – one which specializes in repair and replacement of traditional pumps and systems and another team of energy optimization experts whose role is to evaluate existing pumping systems and propose optimized operation of pumps based on technological advancement as well as enhanced sequence of operation.

Presentation Summary

Pumps account for almost 10% of the world’s energy consumption. Acquiring a pump system is not your biggest investment – keeping it running is. With very little effort on optimizing existing pumps, we can make a big difference in the overall energy consumption from pumps. This presentation aims to discuss the following major topics –

1. Pure efficiency gains due to technological advances in pumping equipment
2. Pump sequencing and operational efficiency
3. Pump System Optimization
4. Predictive Maintenance practices with digital solutions available in the market