



The IEEE San Fernando Valley Section Power and Energy Society (PES) Chapter

Welcome to the presentation on:

A New Age on Energy Management and Control Solutions

Alfredo Arriola



Where: ITT Technical Institute
12669 Encinitas Ave
Sylmar, CA 91342

When: Wednesday May 18, 2016
6:00 – 6:30 PM: Pizza & Networking
6:30 – 7:30 PM: Presentation

No Cost, Space is limited –
Please RSVP at registration link
arriola.eventbrite.com

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Short Description of the Presentation

In today's highly capital investment oriented industrial business any electrical shutdown brings huge losses. This presentation will discuss the use of Energy Management and control system (EMCS) which gives operation efficiency and energy management. Energy management and control system can be scalable – Distributed or centralised solution and covers LV/MV/HV electrical systems apart from giving connectivity to DCS. The presentation will discuss different applications that provide control, monitoring, protection and communication of all the information to a dynamic graphical HMI to accomplish system level health condition and diagnostic. In this presentation we will also talk about different EMCS sub-applications that help reduce maintenance cost and increase reliability of the electrical systems for different industrial applications.

The technology is evolving and as faster and more reliable electrical data becomes available, this provides more flexibility to use the data/ information, our presentation will also touch on the cybersecurity concerns surrounding today's electrical automation systems.

Speaker's Biography

Graduated from Oklahoma Christian University with a degree in Electrical Engineering and a Masters in Business Administration with a focus on Oil and Gas Technology Management.

Alfredo worked for almost 3 years at the University of Alberta, Edmonton, Canada on the development of micro-processed IED technology devices. Alfredo joined Schneider Electric in 2010 as Applications Engineer for Energy Management and Control Systems with a special focus on the communication aspects around these solutions for electro intensive industrial applications.