



IEEE METROPOLITAN LOS ANGELES SECTION GENERAL MEMBERSHIP MEETING
Thursday, July 2, 2009, 11:15am-1:00pm
<http://www.ieee.org/join>

IEEE METRO SECTION

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TOPIC: Electrical substation fire protection solutions

SPEAKER: James Ford, General Manager
Luse Thermal Technologies, LLC

ABSTRACT: When fire occurs at an electric power transmission and distribution substations the typical cause is failure of power cable connections (joints) during periods of high electrical demand or when unexpected cable failure occurs.



The result of power cable failure is an arc blast that releases a tremendous amount of energy, capable of bending the steel access panel on the backside of a switchgear cabinet (photo). This high temperature can ignite adjacent cable jacketing, producing smoke, and soot and flame that if left unchecked, can grow until all equipment in the substation is destroyed. Emergency repairs to substation require significant resources and dollars.

Longer outages create high levels of dissatisfaction from customers, regulators, and elected officials.

Today, you can take proactive action and reduce the time needed to bring the station back on line after a fire. The first goal after a fire event is to restore service to customers. Hence, reducing the damage caused by a fire will decrease the time and expense necessary to repair the facility.

LOCATION: Luminarias Restaurant, 3500 W Ramona Blvd Monterey Park, CA 91754

DATE & TIME: Thursday, July 2, 2009- 11:15-1:00 pm
 Lunch: Starts at 11:15am (Please RSVP as described below.)
 Seminar: 12 noon to 1:00pm (Free to IEEE and \$20 for non-IEEE members. RSVP required.)

FOR RESERVATION RSVP BY 6/25/09 Charles.Cai@sce.com

If you are not a member please consider becoming one and go to: www.ieee.org/join, Problems? contact e.miranda@ieee.org

ABOUT THE SPEAKER:

Mr. J. Ford graduated from the University of Wisconsin--Madison, WI in 1970 James is the patent holder on FortiFire® system for utility switch gear building fire mitigation. James found Ford Associates from 1980 to 2005 which is a Construction Consulting firm operating in the United States, Europe, and Australia Clients included manufacturers, distribution, contractors, and specifying engineers.

James is the General Manager at Luse Thermal Technologies, LLC. James is responsible for day to day operations of sales, estimating and construction in the industrial and commercial sectors for

1. Electric utility industry—T&D, Nuclear, and Fossil Fuel
2. Steel & Chemical Processing
3. Hospitals, nursing homes, and assisted living centers

Currently James is a member of the Firestop Contractors International Association, Heat Frost Insulators Firestop Apprentice training program, Hilti Accredited Contractor, and other trade associations.



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