



IEEE Power & Energy Society Winnipeg Section PRESENTS...A LUNCHEON MEETING

TOPIC: 50 Years of Transformer Problems
PRESENTER: Alan Forrest
TIME AND DATE: 12:00 Noon, Tuesday, October 23, 2012
LOCATION: Holiday Inn South, 1330 Pembina Highway, Winnipeg

- ◇ Cash bar available at Noon.
- ◇ Lunch served at 12:15 PM.
- ◇ Meeting concluded at 1.30 PM.
- ◇ Cost of the meal (payable at the door).

Early registration (*On or Before 19th Oct.*)
IEEE Members - **\$15.00**
Non-Members - **\$19.00**

Late registration (*After 19th Oct.*)
IEEE Members - **\$17.00**
Non-Members - **\$21.00**

The IEEE PES Winnipeg Chapter must guarantee a minimum attendance to the hotel, so please take a moment to register early by RSVP to **Jieping Shao** by **Friday Noon, 19th October 2012**, in one of the following ways:

Phone: 360-7347
Email: JShao@hydro.mb.ca
Fax: 360-6142

Abstract:
The presentation will cover some of the many problems encountered during Alan's fifty years of experience with power transformers. Over a period of almost twenty years with English Electric in England, the size of units increased by almost an order of magnitude. During this period many problems were identified, largely because of leakage fluxes, insulation impregnation and partial discharges, that were not fully understood at the time. These will be discussed.

Biography:
Alan obtained his technical education at Faraday House, London, England. Alan completed his apprenticeship with English Electric in their Stafford plant, working on all types of large transformers, switchgear, and rotating machines. After completing two years of compulsory army service, he returned to English Electric where he worked in their transformer development for over 12 years. During this time Alan worked on many transformer problems, and was involved in visiting numerous sites where transformers had failed. Following a company takeover, Alan moved to Winnipeg and joined Teshmont. Except for a period of 20 months when he worked for BC Hydro, Alan has remained with Teshmont.

EXPERIENCE: Over fifty years of engineering experience specializing in power transformers, particularly regarding design review, factory testing and insulation problems.

Re: IEEE PES Luncheon Meeting at 12:00 Noon on Tuesday, October 23, 2012

Name: _____ Any Diet Restrictions: _____

Company: _____

Telephone no.: _____ Number in party: _____

Please visit our website: <http://winnipeg.ieee.ca/pes>.