

# IEEE IAS Petroleum and Chemical Industry Committee International Subcommittee

## Report to the Executive Subcommittee PCIC Conference 9/11/14

### Current Officers

- Chair Bill Lockley
- Vice-Chair Wolfgang Berner
- Secretary Raimond Elias
- Incoming Secretary Nic LeBlanc

### Subcommittee Meeting

- **Attendance:**

		Previous Total	29
Officers	3	Members added	4
Members	5	Members removed	<u>2</u>
Guests	<u>21</u>	Total Membership	31
Total Attendance	29	(Deleted if miss 3 years consecutive, add if attend 2 consecutive)	
- **Membership Roster Changes:**
- **Agenda Highlights**
  - Ballot on 2015 papers
  - PCIC Brazil presentation
  - PCIC Europe presentation
  - New secretary (Nic LeBlanc)

### Member Recognition

- Senior Member elevation - None
- Other Awards or Recognitions – Bill Lockley: David Azbill Award

### Technical Session Attendance

PCIC #	Title	Attendance
2014-25	Influencing Factors on Motor Vibration & Rotor Critical Speed in Design, Test and Field Applications	126
2014-26	System Analysis of Component Outage in Electrical LNG Plant with Voltage Source Inverters	91
2014-27	Ten Years High Speed Motors with Massive Shaft - Experience and Outlook	111

2014-40	IEC 60079-14 Electrical Installations Design, Selection and Maintenance	95
2014-41	Area Classification is Not A Copy and Paste Process	132
2014-42	Case Study: Simultaneous Optimization of Electrical Grid Stability and Steam Production	82

**Papers for Next Year**

- Number of papers discussed and balloted for level of interest: 15
- Number of papers submitted directly to Subcommittee: 0
- Paper proposals selected based on ballot of interest and other factors to assure a balanced and quality slate:

Prelim ID	Title
SF-74 (CO)	“Solving Turbine Governor Instability at Low-Load Conditions” Scott Manson, Schweitzer Engineering Laboratories," Inc. Matt Checksfield, Powerplan Engineers Pty Ltd. Bill Kennedy, BHP Billiton Worsley Alumina Pty Ltd. (Carryover)
SF-86 (CO)	“21000 Horse Power (HP) and above Synchronous Motors Brushless Excitation Systems Design Challenges” Barrag A. Assaf, Saudi Aramco (Carryover)
HO - 8	Equipment Monitoring for Temperature Related Failures using Thermography Cameras Yu-Wei (Alan) Wang, Schneider Electric Øyvind Fjeld, Last Mile Communication Terence Hazel, Consultant to Schneider Electric Ronny Hjørnevik, Noralarm
HO-10	On-line partial discharge (OLPD) high-voltage (HV) insulation condition monitoring (CM) of complete HV networks Lee A. Renforth, High Voltage Partial Discharge Ltd. Jaroslav J. Fila, High Voltage Partial Discharge Ltd. Marc Foxall, High Voltage Partial Discharge Ltd. Michael Thow, Stena Drilling Ltd.
HO-29	Complete Power Management System for an Industrial Refinery Krishnanjan Gubba Ravikumar, Schweitzer Engineering Laboratories, Inc. Turkey Alghamdi, Saudi Aramco, Jamal Bugshan, Saudi Aramco Sai Krishna Raghupathula, Schweitzer Engineering Laboratories, Inc.
HO-35	Comparing international standards (IEC) to North American (NEMA) standards for low voltage motors Manish Verma, Mr., TMEIC John Arnold, TMEIC Izhak Grinbaum, Consulting Electrical Engineer James Nanney, TMEIC
HO-36	Condition Assessment of Electrical Apparatus with EMI Diagnostics James E. Timperley, Doble Engineering

HO-115	The grounding generation sources in refineries Mexico: experiences and recommendations Luis I. Ruiz Flores, Luis Ivan, Electrical Research Institute
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Other papers were rejected due to lower levels of interest.

Notes:

1. Indicate Status as CO for carry over spare from current year, AC for accepted new proposal.
2. International Subcommittee has a development slate of 8 papers (2 Carryovers plus 6 new papers).
3. Spare papers for Next Year are not identified until April deadline for having final draft submitted.

### **Status of Subcommittee Goals**

Completed Goals:

All goals still in progress

– Update on Goals in progress:

- Find a way to get better proposals from Asia (getting proposals from Korea)
- Get new younger people into the Intl. SC in conjunction with YEDS (Still working at it)

New Goals:

### **Other Business or News of Interest**

- **New Secretary**

Nic LeBlanc of Shell, Canada will take over as the new Secretary.