



THE INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS, INC.

INDUSTRY APPLICATION SOCIETY

Industrial and Commercial Power Systems Department

TUESDAY

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| | Organizer: Greg Nolan Chair: Dick Lennig | Organizer: Darin Hucul Chair: Joe Andrews |
| 0800 - 0805 | Introduction & Announcements | Introduction & Announcements |
| 0805 - 0850 | ICPS-01-1: Development of Microprocessor-Based Demand Control System for Industrial and Commercial Customers (Ming Yuan Cho, Shih Wei Gau & Chia Wen Huang) | ICPS-01-6 Securing the Scene of an Electrical Accident (A. McGee, M. Hittel & L. Floyd) |
| 0855 - 0940 | ICPS-01-2: Development of PC Based Energy Management System for Electrical Energy Savings of High Voltage Customer (Ming Yuan Cho & Chia Wen Huang) | ICPS-01-7 An Electrical Consulting Board to improve Safety in the Electrical Field (G. Parise) |
| 0940 - 1000 | Break | |
| 1000 - 1045 | ICPS-01-3: Comparative Analysis of IEEE 112-B and IEC 34-2 Efficiency Testing Standards Using Stray Load Losses in Low Voltage Three Phase Cage Induction Motors (A. deAlmeida, F. Ferreira, JF Busch) | ICPS-01-8 Forensic Investigation of an Overhead Line Breaking Failure (R. Nabours) |
| 1050 - 1135 | ICPS-01-5: Energy Management for Electrical Equipment (W-J Lee) | ICPS-01-9 Investigation to Determine Feasibility to Salvage Surplus Motors and Drive Gear (D. Hucul & A. Searle) |
| | Lunch Break | |
| | Organizer: Bill Braun Chair: Don Koval | Organizer: Matt Dozier Chair: Jim Harvey |
| 1300 - 1305 | Introduction & Announcements | Introduction & Announcements |
| 1305 - 1350 | ICPS-01-15 Application of Customer Interruption Costs in Transmission Network Reliability Planning (AA Chowdhury & DO Koval) | ICPS-01-27 Light Rail Transit DC Systems Surge Overvoltage Protection (D. Paul) |
| 1355 - 1440 | ICPS-01-17 Reliability Analysis Techniques (RG Arno & PS Hale) | ICPS-01-21 Life Loss of Insulated Cables: A Count Hours Device (G. Parise) |
| 1440 - 1500 | Break | |
| 1500 - 1545 | ICPS-01-18 Assessment of Industrial Distribution System Reliability Using Six-Sigma Techniques (PE Sutherland) | ICPS-01-22 Direct Current Busing System Design (W-J Lee) |
| 1550 - 1635 | ICPS-01-19 Conventional and Current-Dependent Methods for Predicting RMS Arc Currents in Building Systems (T. Gammon & J. Matthews) | ICPS-01-26 Induction Motor Thermal Aging Caused by Voltage Distortion and Imbalance: Loss of Useful Life and its Estimated Cost (AE Emmanuel & JP de Abreu) |



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WEDNESDAY

| | | |
|-------------|--|---|
| | Organizer: George Gregory Chair: Ray Valentine | Organizer: Dan Neeser Chair: Dan Neeser |
| 0800 - 0805 | Introduction & Announcements | Introduction & Announcements |
| 0805 - 0850 | ICPS-01-11 Using Fault Recording Facilities in Multifunction Protective Relays to Detect and Analyze and Actual Near-Generator Switchgear Faults (R. Rifaat) | NEC Panel Session |
| 0855 - 0940 | ICPS-01-12 Damage of a Distribution Transformer Due to Through-fault Currents: An Electrical Forensics Viewpoint (Y-L Tan) | |
| 0940 - 1000 | Break | |
| 1000 - 1045 | ICPS-01- 25 An Enhanced Method of Providing Sensitive Bus Fault Protection (NT Stringer) | NEC Panel Session |
| 1050 - 1135 | ICPS-01- 26 Transient Calculation of Internal Faults in the Salient-Pole Synchronous Machine and Research on Their Main Equipment (Wang Xiangheng, Ouyang Bei, Want Weijian, & Sun Yugang) | |
| 1135 - 1400 | Awards Luncheon | |
| | Organizer: Sunil Talati Chair: Wei-Jen Lee | Organizer: Lynn Saunders Chair: Lynn Saunders |
| 1400 - 1405 | Introduction & Announcements | Introduction & Announcements |
| 1405 - 1450 | ICPS-01-5: Defining the Must-Run and Must-Take Units in a Deregulated Market (F. Didsayabutra, W-J Lee, & B. Eua-Arpor) | ICPS-01-10 Field Performance Testing of Ground Fault Protection Systems (T. Coyle) |
| 1450 - 1510 | or | |
| 1510 - 1555 | Panel Session: International Utility Degregation Activities | ICPS-01-23 Grounding and Electromagnetic Analysis of Conduit Enclosed Electric Distribution Systems (S. Meliopolis) |
| 1600 - 1645 | | ICPS-01-24 Fault Locating in Ungrounded and High Resistance Grounded Systems (Baldwin, F. Renovich, LF Saunders & Lubkeman) |