

# Industrial and Commercial Power Systems Conference

May, 2001 - New Orleans, LA

## ***Tuesday AM***

### ***Session A***

Session Organizer: Greg Nolan

Session Chair: Dick Lennig

<b>Paper</b>	<b>Title</b>	<b>Author(s)</b>	<b>Sponsoring Committee</b>
ICPS-01 01	Development of Microprocessor-Based Demand Control System for Industrial and Commercial Customers	Ming Yuan Cho, Shih Wei Gau and Chia Wen Huang	Energy Systems Committee
ICPS-01 02	Development of PC Based Energy Management System for Electrical Energy Savings of High Voltage Customer	Ming Yuan Cho & Chia Wen Huang	Energy Systems Committee
ICPS-01 03	Comparative Analysis of IEEE 112-B and IEC 34-2 Efficiency Testing Standards Using Stray Load Losses in Low Voltage	Anibal T deAlmeida, Fernance JTE Ferreira, John F. Busch, Pierre Angers	Energy Systems Committee
ICPS-01 05	Energy Management for Electrical Equipment	Wei Jen Lee	Energy Systems Committee

## ***Tuesday AM***

### ***Session B***

Session Organizer: Darin Hucul

Session Chair: Joe Andrews

<b>Paper</b>	<b>Title</b>	<b>Author(s)</b>	<b>Sponsoring Committee</b>
ICPS-01 06	Securing the Scene of an Electrical Accident	Allen McGee, Mike Hittel	Power System Engineering Committee
ICPS-01 07	Electrical Consulting Board to Improve Safety in the Electrical Field	Guiseppe Parise	Power System Engineering Committee
ICPS-01 08	Forensic Investigation of an Overhead Line Breaking Failure	Robert Nabours	Power System Engineering Committee
ICPS-01 09	Investigation to Determine Feasibility of Salvaging Surplus Conveyor Drive Systems	Darin Hucul, Andrew Searle	Power System Engineering Committee

## ***Tuesday PM***

### ***Session A***

Session Organizer: Bill Braun

Session Chair: Don Koval

<b>Paper</b>	<b>Title</b>	<b>Author(s)</b>	<b>Sponsoring Committee</b>
ICPS-01 15	Application of Customer Interruption Costs in Transmission Network Reliability Planning	A.A. Chowdhury, D.O. Koval	Power System Engineering Committee
ICPS-01 17	Reliability Analysis Techniques	R.G. Arno, P.S. Hale	Power System Engineering Committee

ICPS-01	18	Assessment of Industrial Distribution System Reliability Using Six-Sigma Techniques	PE Sutherland	Power System Engineering Committee
ICPS-01	19	Conventional and Current-Dependent Methods for Predicting RMS Arc Currents in Building Systems	Tammy Gammon, John Matthews	Power System Engineering Committee

**Tuesday PM**

**Session B**

Session Organizer: Matt Dozier

Session Chair: Jim Harvey

<b>Paper</b>	<b>Title</b>	<b>Author(s)</b>	<b>Sponsoring Committee</b>
ICPS-01-27	Light Rail Transit DC Systems Surge Overvoltage Protection	Dev Paul	Power Systems Protection Committee
ICPS-01	21 Life Loss of Insulated Cables: A Count Hours Device	Guiseppe Parise	Power System Engineering Committee
ICPS-01	22 Direct Current Busing System Design	Wei-Jen Lee	Power System Engineering Committee
ICPS-01	26 Induction Motor Thermal Aging Caused by Voltage Distortion and Imbalance: Loss of Useful Life and its Estimated Cost	A. E. Emmanuel, Jose Policarpo G. de Abreu	Power System Engineering Committee

**Wednesday AM**

**Session A**

Session Organizer: George Gregory

Session Chair: Ray Valentine

<b>Paper</b>	<b>Title</b>	<b>Author(s)</b>	<b>Sponsoring Committee</b>
ICPS-01	11 Using Fault Recording Facilities in Multifunction Protective Relays to Detect and Analyze and Actual Near-Generator	Rasheek Rifaat	Power System Protection Committee
ICPS-01	12 Damage of a Distribution Transformer Due to Through-fault Currents: An Electrical Forensics Viewpoint	Yoke-Lin Tan	Power System Protection Committee
ICPS-01	25 An Enhanced Method of Providing Sensitive Bus Fault Protection	N. T. Stringer	Power System Protection Committee
ICPS-01	26 Transient Calculation of Internal Faults in the Salient-Pole Synchronous Machine and Research on Their Main Equipment	Wang Xiangheng, Ouyang Bei, Wang Weijian, Sun Yuguang	Power System Protection Committee

**Wednesday AM**

**Session B**

Session Organizer: Dan Neeser

Session Chair: Dan Neeser

Panel Session: National Electrical Code Changes

✦ ✦ ✦ **Awards Luncheon** ✦ ✦ ✦

## ***Wednesday PM***

### ***Session A***

Session Organizer: Sunil Talati

Session Chair: Wei-Jen Lee

<b>Paper</b>	<b>Title</b>	<b>Author(s)</b>	<b>Sponsoring Committee</b>
ICPS-01 04	Defining the Must-Run and Must-Take Units in a Deregulated Market	F. Didsayabutra, Wei Jen Lee, B. Eua-Arporn	Energy Systems Committee

Panel Session: International Utility Deregulation Activities

## ***Wednesday PM***

### ***Session B***

Session Organizer: Lynn Saunders

Session Chair: Lynn Saunders

<b>Paper</b>	<b>Title</b>	<b>Author(s)</b>	<b>Sponsoring Committee</b>
ICPS-01 10	Field Performance Testing of Ground Fault Protection Systems	Timothy Coyle	Power System Protection Committee
ICPS-01 23	Grounding and Electromagnetic Analysis of Conduit Enclosed Electric Distribution Systems	Sakis Meliopoulos	Power System Engineering Committee
ICPS-01 24	Fault Locating in Ungrounded and High Resistance Grounded Systems	Baldwin, F. Renovich, L. Saunders, Lubkeman.	Power System Engineering Committee