

**INTERNATIONAL COUNCIL ON LARGE ELECTRIC SYSTEMS
MEXICAN NATIONAL COMMITTEE
INTERNATIONAL COLLOQUIUM MEXICO 2016**

Total Papers: 36
Countries: 16
Companies: 22

Country	Title	AFFILIATION
CA	Very Large Integrated Protection & Control System Based on IEC61850 with Multiple Vendor IEDs - Engineering Challenges and Lessons Learnt	ABB Inc., Sinai Engineering BU
JP	Improvement of the efficiency for patrol and inspection by tablet PC	Chubu Electric Power Co., Inc.
MX	Proyecto de Red Subterránea del Paseo de la Reforma. El reto de una red de alta disponibilidad basado en protocolo IEC 61850 (Paseo de la Reforma underground network. A high available network based on IEC 61850 challenge)	Comision Federal de Electricidad - CFE
MX	Control centralizado en Subestaciones Inteligentes de las redes generales de distribución utilizando el estándar IEC61850 como una solución confiabilidad, regulación de voltaje, reducción de pérdidas técnicas de energía y creación de islas de generación distribuida ante fallas en la red (Centraliced control in Smart Substations for general distribution networks using IEC 61850 standard as a solution for reliability, voltage regulation, technical losses reduction and creation of distributed generation islands in response of faults)	Comision Federal de Electricidad - CFE
MX	Diseño de una Metodología en la puesta en servicio de una Subestación eléctrica, para conocer el tiempo de reconfiguración de la red de automatización en anillo, en funciones de protección con protocolo GOOSE (Methology design for commissioning electrical substation, to find reconfiguration time of ring Ethernet network, for protection using GOOSE messages)	Comision Federal de Electricidad - CFE
MX	Evaluación de Sistemas en Subestaciones Inteligentes (Systems Evaluation for Smart Substations)	Comision Federal de Electricidad - CFE
MX	Retos técnicos en la Implementación de la Tecnología Óptica bajo la norma IEC 61850 en el Esquema de Protección de Transformadores de Potencia (Technical challenges implementing optical tecnology under IEC 61850 standard in Power Transformers Protection)	Comision Federal de Electricidad - CFE Instituto de Investigaciones Eléctricas - IIE
MX	Subestaciones Inteligentes para Redes Inteligentes (Smart Substation for Smart Grids)	Consultant
MX	Sistema de Comunicaciones Inalámbricas ZigBee-Xbee para equipos Terminales de Protecciones, Medición y UTR's en Subestaciones Eléctricas (Wireless Communication System ZigBee-Xbee for Protection, Measurement RTU Terminals in Electrical Substations)	Consultant
MX	Diseño de un modelo de aprendizaje, para ingenieros que atenderán subestaciones Inteligentes con el estándar IEC61850 (Disigning a learning model for engineers attending smart substations with IEC 61850)	Consultant
DE	Smart substation information model - challenges in the development of a Building Information Modeling (BIM) based software for substation design (B3)	entegra eyrich + appel gmbh
FR	Transporting critical Protection signals over MPLS-TP networks	GE Grid Solutions
UK	A common platform for IEC61850-based Teleprotection and System Protection Schemes	GE Grid Solutions
BR	Embu-Guaçu Substation: CTEEP's first fully IEC 61850 feeder protection system	GE Grid Solutions CTEEP
ES	IMPACTO DEL NÚMERO DE DISPOSITIVOS EN LAS COMUNICACIONES CLIENTE-SERVIDOR DE LOS SISTEMAS IEC 61850	INGETEAM
MX	Programa para el Cálculo de Flechas y Tensiones en Subestaciones de Potencia (Software for power substations structures calculation)	Instituto de Investigaciones Eléctricas - IIE
MX	Análisis de la confiabilidad en subestaciones de potencia considerado el impacto de los esquemas de protección, control y comunicaciones (Releability Analysys in power substations considering impact in protection, control and communication schemes)	Instituto de Investigaciones Eléctricas - IIE
BR	Application of IEC 61850-90-1 "Communication between Substations" for Teleprotection by way of GOOSE in ISA CTEEP – Electrical Transmission Line of 230 kV	ISA CTEEP
PH	R&D and Training Facility for Building Smarter Substation	MERALCO
CN	Dual Interpolation Algorithm Effect of Higher Harmonic Measurement Accuracy in Smart Substation	NR Electric Co., Ltd.
CN	Application of Key Performance Indicator in Circuit Breaker Online Monitoring	NR Electric Co., Ltd.
CN	Smart distributed AGC System for Large PV Power Station	NR Electric Co., Ltd.
CN	Study on Busbar Protection Schemes in Intelligent Reconstruction of Conventional Substation	NR Electric Co., Ltd.
CN	Study on Reliability of Sampling Synchronization in Smart Substation	NR Electric Co., Ltd.
CN	Research and Implementation of Controlled Switching Device in Smart Substation	NR Electric Co., Ltd.
AU	Modern Wide Area Communication Enhances Wide Area Protection Schemes	OMICRON electronics
MX	Tools for Smart Substation Implementation	PullNet
MX	Education Upgrades for Smart Substations	PWMC
CO	Propuestas para Implementación de Esquemas de Protección de la Integridad del Sistema Sistema (SIPS) bajo un enfoque estratégico y aplicable al Sistema Interconectado Colombiano.	Quanta Technology XM S.A. E.S.P
PT	Using the IEC 61850 Formal Description Capabilities Towards a Vendor-Independent Pac Specification	R&D Nester - Portugal and China
IT	Evaluation of Smart Grid Control Scenarios in a Communication Security Platform	Ricerca sul Sistema Energetico - RSE S.p.A.
US	Fast Fault Detection, Isolation, and Recovery in Ethernet Networks for Teleprotection and High-Speed Automation Applications	Schweitzer Engineering Laboratories, Inc.
CN	Effect of bridge resistance on bus voltage fluctuation for dc auxiliary power system in substations	State Grid Sichuan Electric Power Research Institute
CN	Study on Modeling and Simulation of All-Dielectric Self-Supporting Optical Cable Suspended on 220kV Double-circuit Transmission Lines	State Grid Sichuan Electric Power Research Institute
US	Wide area GOOSE applications to transmission line protection	OMICRON electronics
MX	Zero-Delay Is Not the Answer For Protection Schemes	PWMC