

## Poster Instructions and Guidelines

- The poster sessions start the afternoon of Tuesday, April 22 and run through the morning of Thursday, April 24.
  - Each presenter is scheduled for a two-hour session. Please refer to the attached schedule and the floor plan at the exhibit hall for your assigned time and location.
    - Please be in front of your poster during your scheduled session.
    - You are free to be at your poster as much as you wish outside of your scheduled time.
  - Due to other activity in the exhibition hall, plan to hang your poster the morning of Tuesday, April 22 between the hours of 7AM and noon.
    - All presenters are required to register and have a badge to enter the exhibition and poster areas.
  - You do not need to remove your poster from the poster board at the end of the week. If you wish to keep your poster, you may only remove it between noon and 2:00PM on Thursday, April 24.
- Posters will be attached to boards measuring 4' by 6' (1.2m by 1.8m.)
  - There will be a 12" (30cm) wide and 6' (1.8m) long table space between the front of the board and the edge of the table for your use.
  - Do not forget to leave some space at the top of the board for the title of your paper and your name.
  - Electricity will not be available.
  - Push-pins will be provided for attaching your poster to the poster board.
- Please keep your posters legible.
  - The people looking at your poster may initially be several feet away from your poster.
  - Colors are okay for graphics, but dark letters on a white background are better for text.
    - Dark colors work better than light colors when viewed from a distance.
  - Keep fonts simple and avoid fancy shadows or outlined text. Sans-serif fonts, such as the font used in these instructions, can be more legible than serif fonts.
    - Serif fonts, like the one used for this bullet item, work better for large amounts of text, such as in a technical paper.

## Poster Topics by Date and Time

Poster Location	Poster Number	Title	Author(s)
<b>Tuesday, April 22 1:00 PM - 3:00 PM</b>			
<b>Power Systems - Operations Issues</b>			
2A	08TD0236	A Directional Search Genetic Algorithm to the Economic Dispatch Problem with Prohibited Operating Zones	A. Theerthamalai, S. Maheswarapu
2E	08TD0248	Responsive Demand in Networks with High Penetration of Wind Power	V. Hamidi, F. Li, F. Robinson
3C	08TD0291	Improvement of Shunt Reactor Operation by Synchronized Switching in the Romanian Power System	P. Stroica, D. Stefan
3F	08TD0368	Direct Utilization of Planning Applications in the Real-Time Environment	S. Grijalva
4A	08TD0371	New Approach with Secant method for Solving Unit Commitment Problem	C. Karri, S. Nallamothu, S. Maheswarapu
4E	08TD0393	Dynamics Assessment of Voltage Flicker	Y. Hsu, K. Chen, C. Lu
5B	08TD0484	Enhancement of Transient Stability ATC using NAS Battery Systems	S. Hirabayashi, Y. Tomita, S. Iwamoto
5D	08TD0494	Energy and Reserve Dispatch in the Integrated Electricity Market with Sectional Price Offers	Y. Lin, J. Zhong
6A	08TD0513	Long term Energy Efficiency Trading as an Approach for the Competition Improvement in the Electricity Markets	M. Behrang Rad, M. Parsa Moghaddam, M. Sheikh El Eslami, T. Barforoushi
6E	08TD0636	Hydro Thermal Scheduling using Particle Swarm Optimization	C. Samudi, G. Das, P. Ojha, S. T.s, S. Cherian
1C	08TD0648	Optimal power flow including transient stability constraints	P. Onate, J. Ramirez
1F	08TD0657	Brent method for Dynamic Economic Dispatch with Transmission Losses	C. Karri, S. Nallamothu, S. Maheswarapu
<b>Energy Conversion - Wind Generation: Control, Modelling, Technical Issues</b>			
8A	08TD0153	TV/Radio Interference Measurements for Large Commercially Available	A. Zalay, T. Sellner
8E	08TD0322	Modeling of Wind Power Plants for Short Circuit Analysis in the Transmission Network	N. Samaan, R. Zavadil, J. Smith, J. Conto
9C	08TD0325	The Future Impact of Wind on BPA Power System Ancillary Services	Y. Makarov, S. Lu, B. Mcmanus, J. Pease
9F	08TD0548	Introduction of a New Index for Evaluating the Effect of Wind Dynamics on the Power of Variable Speed Wind Turbines	M. Zamani, G. Riahy, R. Zamani Foroushani
6D	08TD0643	Analysis of Short Circuit Current of Wind Turbine - Doubly Fed Induction Generator	D. Li
7C	08TD0727	Comparison and Evaluation of Three Main Types of Wind Turbines	Y. Zhang, S. Ula
<b>Tuesday, April 22 3:00 PM - 5:00 PM</b>			
<b>Power Delivery - Power System Relaying</b>			
11C	08TD0082	Under-reach Correction in Twin Circuits without Residual Current input from the Parallel Line	R. Mukerjee, R. Mukerjee, R. Mukerjee
11F	08TD0085	Frequency Domain Double-Ended Method of Fault Location for Transmission Lines	V. Faybisovich, M. Khoroshev
12A	08TD0344	Using an RTDS Processor to Emulate a New Current Differential Back-up Relay	J. Tang, J. Langston, M. Sloderbeck, P. McLaren
12E	08TD0409	Experience with 100% Stator Ground Fault Protection Schemes	C. Mozina
13C	08TD0412	Comparing TCSC Placements on Mid-Point and Ends of Second Circuit of Double Circuit Line from Measured Impedance Point of View	S. Jamali, A. Kazemi, H. Shateri
13F	08TD0444	Intelligence Based Data Acquisition System for Protective Relays	H. Khorashadi Zadeh, Z. Li
14A	08TD0448	Effect and Influence of Residual Current Compensation on Earth-Fault Distance Relays	H. Amoh, Y. Kurosawa, H. Takani
14E	08TD0451	New Modified Fourier Algorithm to Eliminate the Effect of the DC offset on Phasor Estimation Using DFT	D. Lee, S. Kang, S. Nam
15B	08TD0463	Transient stability of distributed generation in closed ring operated MV-network	E. Coster, J. Myrzik, W. Kling
15F	08TD0493	operation of differential relay for power transformer using Support vector machine	V. Dave
16A	08TD0496	Effects of SMES Equipped SSSC on Distance Relay Tripping Characteristic	A. Kazemi, S. Jamali, H. Shateri
16E	08TD0530	Adaptive Dependable and Secure Protection Systems for Electric Power Systems	H. Khorashadi Zadeh, Z. Li, V. Madani
17D	08TD0545	An Advanced Methodology for Under-frequency Load Shedding Relay Testing	M. Shao, P. Poonpun, W. Jewell
17F	08TD0568	Electrical Power Quality Indices Estimation during Severe Signal Distortions in Medium Voltage Networks	V. Terzija, V. Stanojevic, W. Rebizant
18A	08TD0633	IEC 61850 Impact on Substation Design	M. Janssen, A. Apostolov
18E	08TD0650	Case Study: Adaptative Overcurrent Protection Scheme Applied to an Industrial Plant with Cogeneration Units	J. Vieira, A. Soares
19C	08TD0696	A Decision Tree Based Method for Fault Classification in Transmission Lines	S. Shahrtash, A. Jamehbozorg

19F	08TD0739	Strategies for Protection and Control Standardization and Integrated Data Management Applications	T. Witham, V. Madani
17B	08TD0741	Implementation of Accelerated Transmission Line Protection Schemes in Substations with IEC 61850	A. Apostolov
<b>Energy Conversion - Energy Development and Power Generation</b>			
7A	08TD0194	Research on the Renewable Energy Additional Price Portfolio Distribution Optimizing Problem	L. Cai-hua, Z. Li-zi, H. Xian-chao, L. Xian-peng
7E	08TD0280	The Role of Demand Response in Ancillary Services Markets	K. Schisler, T. Sick, K. Brief
8C	08TD0319	Preliminary Investigation of the Potential of Harnessing Tidal Energy for Electricity Generation in Malaysia	S. Koh, Y. Lim
8F	08TD0748	Control of Autonomous Solid Oxide Fuel Cells Subject to Sudden Load Variations	L. Wang, D. Lee
9A	08TD0749	Dynamic Stability and Transient Responses of Multiple Grid-Connected PV Systems	L. Wang, T. Lin
9E	08TD0750	Small-Signal Stability and Transient Analysis of an Autonomous PV System	L. Wang, Y. Lin

### Wednesday, April 23 10:00 AM - Noon

#### Power Systems - Dynamics and Emerging Operational Methods

20A	08TD0046	Determination of the Applicability of using Modal Analysis for the Prediction of Voltage Stability	C. Sharma, M. Ganness
20E	08TD0100	Coordination of Voltage Regulation in Active Networks	P. Nguyen, J. Myrzik, W. Kling
21C	08TD0123	Contingency Ranking Using Neural Networks by Radial Basis Function Method	M. Khazaei
21F	08TD0134	Small Disturbance Voltage Stability Evaluation of Power Systems	N. Amjady, N. Amjady
22A	08TD0151	Sliding Mode Controller for Stability Enhancement of MicroGrids	M. Abdollahi, S. Bathaee
22E	08TD0176	The Effect of Load Types on Power System Oscillations	C. Sharma, P. Singh
23C	08TD0254	Asymmetric Dynamic Compensation Based Expert Fuzzy Rules to Enhance the System Loadability in Unbalanced Network	B. Mahdad, B. Mahdad
23F	08TD0270	Classification of Power Quality Problems Using Wavelet Based Artificial Neural Network	A. Chandel, G. Guleria, R. Chandel
24A	08TD0547	Evaluation of UPFC Impacts on Power System Reliability	A. Rajabi-ghahnavieh, M. Fotuhi-firuzabad, R. Feuillet

#### Power Delivery - Substations Committee Poster Session

24E	08TD0012	Proposal of a Partial Discharge Detection Method for Laboratory and Field Conditions.	H. Tatizawa, W. Bacega, K. Soletto
25B	08TD0059	Costs and Benefits of Substation Condition Monitoring	D. Jones
25E	08TD0147	New Network Concepts Using Electronic Hybrid Circuit Breakers	G. Montillet, J. Dupraz
26A	08TD0161	Modeling of a Ground Wire using TLM	W. Wan Ahmad, D. Thomas, C. Christopoulos
26E	08TD0199	Measuring occupational exposure to electric and magnetic fields at 400 kV substations	J. Latva-teikari, T. Karjanlahti, J. Kurikka-oja, J. Elovaara, T. Långsjö, L. Korpinen
27C	08TD0481	Can an Eighty Year Old Standard Still Be Relevant? This One (IEEE C37.2) Clearly Is	J. Tengdin
27F	08TD0492	Switchgear Retrofitting for Automated Distribution Network	V. Gohokar, V. Gohokar
28A	08TD0533	Bay Level IED Modeling and Realizing using IEC 61850	T. Xu, X. Yin, D. You, H. Yu, Y. Wang, H. Hou
28E	08TD0537	Development of wide area current differential protection IED based on IEC 61850	Y. Wang, X. Yin, D. You, T. Xu, H. Xiang
29C	08TD0538	Thin Wire Formulation for 3-D Modeling of a Ground Wire	W. Wan Ahmad, D. Thomas, C. Christopoulos
29F	08TD0620	Research on Effects Between Grounding Module and Grounding Resistance	W. Zhou, G. Wu, X. Cao, S. Li
30B	08TD0621	A Simple formula of Grounding Grid Resistance in Vertical Two-Layer Soil	X. Cao, G. Wu, W. Zhou, S. Li, R. Li
30E	08TD0623	A Study of Influencing Factors about Vertical Grounding Rods Performance in Two-layer Soil	S. Li, G. Wu, X. Cao, W. Zhou, R. Li
31C	08TD0646	In-Situ Insulation Test of 400 kV GIS	A. Shayegani, H. Mohseni, J. Jadidian, E. Hashemi, E. Agheb, A. Naeiny, A. Ghorbandaeipour, K. Niayesh
31F	08TD0742	Multi-agent based reliability enhancement scheme for IEC61850 substation	S. Rim, S. Lee, S. Lim

#### Power Delivery - Switchgear, Surge Protective Devices, Stationary Batteries, and Power Engineering Education

2F	08TD0148	SmartChoke - protecting power equipment from fast transients	M. Glinkowski, M. Glinkowski
3A	08TD0230	Surge arresters in composite housings - New developments and long term experiences	L. Klingbeil, U. Bauch
3E	08TD0316	Performance Analysis of Lead Acid Battery Model for Hybrid Power System	R. Saiju, S. Heier
4B	08TD0542	Design of Over Voltage Protector for HV Power Cable Metallic Shield Grounding	J. Luo, Z. Zhou, M. Luo
4F	08TD0544	A New Type Surge Protective Grounding Device for High Voltage Power Cable Lines	M. Luo, H. Li, S. Zhang, Z. Cai
5A	08TD0546	A Synthetic Test Circuit for Current Switching Tests of HVDC Circuit Breakers	B. Sheng

5E	08TD0628	CB Stress Reduction and Comparison of Energy Dissipation for two types of FCLs	D. Cvoric, B. Ferreira, S. De Haan
1B	08TD0630	Design and Application of Line Surge Arresters to Improve Lightning Protection Characteristics of Transmission Lines	J. He, R. Zeng, J. Hu, J. Zhao
1D	08TD0662	An Accurate Evaluation method of the Thermal interruption limit of Power Circuit Breakers	A. Karimi, K. Niayesh, M. Bahmani
2D	08TD0723	Coil Current Analysis Method for Predictive Maintenance of Circuit Breakers	H. Johal, M. Mousavi
4D	08TD0764	Power and Energy Engineering Program Development at the University of Pittsburgh School of Engineering - Electric Power Engineering (I)	G. Reed, M. Lovell, L. Shuman
<b>Power Delivery - T &amp; D Committee Distribution Systems</b>			
10B	08TD0029	Compensation Strategy for Contactor Ridethrough	C. Chi, S. Yin
10C	08TD0049	Multi-Objective BPSO Algorithm for Distribution System Expansion Planning Including Distributed Generation	M. Al-muhaini, A. Mantawy
10F	08TD0212	Voltage Stability Analysis and Real Power Loss Reduction in Distributed Distribution System	L. Ramesh, S. Chowdhury, S. Chowdhury, Y. Song, A. Natarajan
11A	08TD0224	Secondary Network Modeling and Migration to Operational Models	P. Quinn, D. Ross
11E	08TD0239	An Algorithm for Radial Distribution Load Flow in Complex Mode Including Voltage Controlled Buses	D. Saloman, K. Shankar, T. Das, T. Das
12C	08TD0258	Distributed Power Flow Calculation for Whole Networks Including Transmission and Distribution	H. Sun, B. Zhang
12F	08TD0271	Fault Prevention Management System for the Underground Distribution Facilities Using 3D GIS	H. Woohyun, J. Kim
13A	08TD0318	MVC Architecture Based Neuro-Fuzzy Approach for Distribution Feeder Reconfiguration for Loss Reduction and Load Balancing	T. Srinivasan, N. A, S. Aruchamy
13E	08TD0458	Evaluation and Improvement of Supply Reliability Indices for Distribution Networks	J. Rosendo, A. Gómez, G. Tévar, M. Rodríguez
14C	08TD0474	Electrical Characterization of Vegetation Contacts with Distribution Conductors - Investigation of Progressive Fault Behavior	J. Wischkaemper, C. Benner, D. Russell
14F	08TD0560	Sunrise Powerlink Project: Meeting Reliability, Renewable Energy, and Economic Goals in Southern California	B. Wood, K. Simpson, J. Woldemariam
15A	08TD0591	New Recloser Functionality Enhances Feeder Automation	T. Taylor, T. Fahey, T. Royster, D. Engler
15E	08TD0631	Automated Fault Isolation System on Low Voltage Distribution Automation System	M. Ahmed, S. Lian
16B	08TD0664	Modern Techniques to Study Voltage Regulator - DG Interactions in Distribution Systems	L. Kojovic
16F	08TD0672	Robotics applied for safety improvement in the power distribution lines maintenance	R. Roncolato, N. Romanelli, A. Hirakawa, O. Horikawa, R. Yamamoto, V. Cores, D. Vieira
17A	08TD0682	Storm Response: Fast Restoration Without Over Stocking	S. Campbell, B. Lacoursiere
17E	08TD0684	Fault Location Algorithm on Underground Power Cable Systems Using Noise Cancellation Technique	C. Jung, J. Lee
18C	08TD0694	AC vs. DC Distribution: A Loss Comparison	M. Starke, L. Tolbert, B. Ozpineci
18F	08TD0719	Distribution System Operation and Planning in the Presence of Distributed Generation Technology	B. Chowdhury, G. Jones
19A	08TD0720	Survey of Underground Cable Generated Magnetic Fields in a Residential Subdivision	G. Karady, K. Holbert, S. Adhikari, M. Dyer
19E	08TD0736	Applying Security Algorithms against Cyber Attacks in the Distribution Automation System	I. Lim, S. Hong, M. Choi, S. Lee, S. Lee, B. Ha

**Wednesday, April 23 1:00 PM - 3:00 PM**

**Energy Conversion - Emerging Technologies**

1A	08TD0277	Micro-DVR - A Development Platform for DVR and FACDS	W. Komatsu, A. Giaretta, M. Oliveira, T. Monteiro, M. Galassi, S. Ahn, L. Matakas Jr., E. Bormio Jr., J. Camargo, J. Jardini
1C	08TD0585	Peak Load Reduction Device	A. Emanuel, A. Emanuel, J. Doyle
1E	08TD0737	Pseudo-Decentralized Control-Communication Optimization Framework for Microgrid: A Case Illustration	S. Mazumder

**Power Systems - Power Systems Analysis, Computing, and Economics**

20B	08TD0165	Demand Response Model Considering EDRP and TOU Programs	H. Alami, R. Yousefi, M. Parsa Moghadam
20D	08TD0373	New method of searching for the out-of-step separation interface based on reactive power	C. Wang, P. Gao, T. Zhu, W. Shao
21A	08TD0407	Angle and Magnitude Stability Using Real Time Simulation	C. Wong, I. Leevongwat, P. Rastgoufard
21E	08TD0414	Economic Evaluation of Large-Scale Wind Integration in Transmission Networks	R. Hermes, T. Paulun, H. Haubrich
22B	08TD0615	Calculation of Maximum Injection Wind Power Based on Chance-constrained Programming	J. Wu
22D	08TD0645	Power Definition and Energy Measurement Based on Waveform Similarity	L. Zhou, Z. Yin, X. Xiao
23B	08TD0654	Designing Survivable Power Systems	S. Poroseva, S. Woodruff, M. Hussaini
23E	08TD0671	Distribution System Voltage Conversion	J. Morelli, T. St. Onge, D. Bouchard
20F	08TD0734	Post-Market Computation Engine Toward CAISO Market Settlements	D. Chen
22F	08TD0752	Effects of the Stochastic Load Model on Power System Voltage Stability Based on Bifurcation Theory	J. Zhao, Y. Qiu, H. Chiang

### Power Systems - Power System Dynamic Performance

12B	08TD0062	Dynamic-RMS Modeling of Distributed Electrical Power Supply Systems	A. Mohd, E. Ortjohann, W. Sinsukthavorn1, D. Morton
12D	08TD0215	Neural Network Based Very Short Term Load Prediction	D. Chen, M. York
13B	08TD0251	Substantial Control Strategies of DFIG Wind Power System During Grid Transient Faults	H. Le
13D	08TD0360	A New PSS Design Using Gain Scheduling and Anti-Windup Control Theories	T. Okabe, T. Fukuoka, S. Iwamoto
14B	08TD0392	Power Quality Enhancement by TCSC Application to Mitigate the Impact of Transformer Inrush Current	M. Khederzadeh, M. Khederzadeh
14D	08TD0405	Observer-based Decentralized Control of Inter-area Oscillation in Multi-infeed HVDC System	F. Yang, C. Chen, X. Wang
15D	08TD0415	A MCDM Knowledge Based Scheme for Coordinated Voltage Control	H. Ma, K. Man, D. Hill
16D	08TD0439	Revisiting Undervoltage Load Shedding Schemes: A Step by Step Approach	H. Sarmiento, R. Castellanos, G. Pampin, G. Villa, M. Mirabal
17C	08TD0467	Impact of MOV Operation on Power Quality in Transmission Lines Compensated by TCSC	M. Khederzadeh
18B	08TD0522	Transient Stability Assessment of the Desert Southwest Transmission System	G. Karady, B. Kokanos
18D	08TD0550	Considering Transmission Constraints for Analysis on Bidding Strategies of Power Market Based on Nash Equilibrium	P. Bing, X. Tong
19B	08TD0705	Modeling large-scale power systems with frequency-dependent transmission line models	J. Schoene, T. Mcdermott

### Wednesday, April 23 3:00 PM - 5:00 PM

#### Power Delivery - Transformers Committee

21B	08TD0101	A Novel Algorithm for the Diagnostics of Power Transformers Using Type -2 Fuzzy Logic Systems	E. Mombello, J. Jardini, G. Ratta
21D	08TD0127	Condition Monitoring of Power Transformers	A. Dhingra, K. Singh, A. Dhingra, D. Kumar
22C	08TD0183	Is it OK to Reclose on the Transformer?	D. Desrosiers
23A	08TD0410	Transformer Paralleling Errors-Prevent, Correct or Ignore?	E. Jauch
23D	08TD0419	The Very Fast Transient Simulation of Transformer Windings in Parallel with MOV Based on Multi-Conductor Transmission Lines Theory	Z. Zhang, C. Li, F. Lu
24B	08TD0461	Time Frequency analysis method for the detection of winding deformation in transformer	S. S, J. V
24D	08TD0655	Induced Voltage Test of Distribution Transformers Using Static Frequency Inverters	A. Shayegani, H. Mohseni, J. Jadidian, E. Agheb, E. Hashemi, A. Naeiny, A. Ghorbandaeipour, K. Niayesh
25A	08TD0666	Dynamic Loading of Power Transformers Based on Real-Time Monitoring	B. Sparling, B. Sparling
25D	08TD0691	Study on Partial Discharge Self-Attenuation Characteristics of a New Dry Type Composite Insulation for HV Current Transformers and Bushings	H. Sihui, E. Euvrard, R. Wang
26B	08TD0712	Innovative Power Flow Regulating Tap-Changer Control Installed on Multiple Phase-Shifting Transformers	M. Thompson, H. Miller, J. Burger

**Power Delivery - Insulated Conductors Committee Poster Session**

2C	08TD0479	Extruded Cable Reliability- life estimation and life extension	N. Srinivas, O. Morel, W. Chatterton, B. Bernstein
2D	08TD0624	Test Results and Preliminary Conclusions regarding 0.1Hz VLF testing on very long, mixed Distribution Feeders of 13.8 to 33 kV System Voltage	L. Hong, G. Murray, G. Levy, D. Simon
3B	08TD0661	Compression Connector Performance on Oxidized Aluminum Cable Conductors	C. Dang, S. PÉlissou, S. St-antoine, R. Savage, J. CÔtÉ
3D	08TD0674	Estimation of Discharge Inception Voltages at Different Pressures in the Ambient Medium of N2	M. Zuberi, A. Masood, A. Anwar, E. Husain

**Power Delivery - Power System Instrumentation and Measurements**

8B	08TD0150	Power Measurement and Measures to Increase Safety Margin in an Inter-Connected Power System	S. Pardeshi, R. Kelkar
8D	08TD0154	New Developments in Power Quality Immunity and Voltage Sag Standards: Hands-on Applications in North America, Asia, and Europe	A. Eberhard, A. Mceachern
9B	08TD0464	A New Electronic Reactive Power Meter Based on Walsh Transform Algorithms	A. Abiyev
9D	08TD0678	Real Time Monitoring of the Leakage Current of 230 kV Insulator Strings Under Washing	S. Oliveira, E. Fontana, F. Cavalcanti
6B	08TD0731	The Implementation of Self Calibration Techniques in Raman Backscatter based Fiber Optic Distributed Temperature System (DTS) Technology	C. Conway, P. Nicholls
7C	08TD0740	Analysis of Wideband EM Waves Emitted from Partial Discharge Using the Constrained Interpolation Profile (CIP) Method and the In-Place Fast Haar Wavelet Transform	M. Kawada, K. Isaka
7F	08TD0745	High Frequency Harmonic Components of Leakage Current for Monitoring Insulator Performance in Cold Fog	B. Du, Y. Liu

**Power Delivery - T & D Committee - Transmission Systems**

26F	08TD0188	Restoration of a 132 kV Over Head Transmission Line affected by Tropical Cyclone Gonu in Oman	O. Abdalla, T. Alkhusaibi, M. Awlad-thani, M. Al-mazrouei
27A	08TD0317	Calculation of DC Ground Current Distribution by UHVDC Mono-polar Operation with Ground Return	W. Jiang, G. Wu
27E	08TD0323	Guidelines for Emergency Resource Planning for Overhead Transmission Line Asset Owners	K. Lindsey, K. Lindsey
28B	08TD0355	Interactive Design Platform of High-low Leg Foundation Matching	W. Wei, W. Gang
28D	08TD0401	Study on Models of the HVDC Converter transformer for Calculation of High-Frequency Interference	H. Quanrui, L. Puming
29A	08TD0402	Study on Models of the HVDC Converter for Calculation of High-Frequency Interference	H. Quanrui, L. Puming
29E	08TD0411	Technique to Decrease the Electric Field Intensity on Conductor Surface Using the Asymmetrical-sized Conductor Bundle	D. Lee, K. Shin, S. Lee
30A	08TD0462	Experiences on design & execution of transmission lines upto 765 kV in various parts of world	D. Lakhpati
30D	08TD0536	Unlocking Fired Wedge Performance	C. Copper, N. Corman
31B	08TD0541	The Algorithm for the Parameters of AC Filters in HVDC Transmission System	L. Puming, H. Quanrui
31D	08TD0549	Design and Testing of Thyristor Valves of TCSC for Kanpur-Ballabgarh 400kV Line	G. Lal, G. Lal, D. Dutta
32A	08TD0558	Time-delayed Feedback Chaos Control of Dynamic Cournot Game of Power Market	T. Tao, Y. Hongming, D. Xuehua
32E	08TD0570	Identification of Problems when Using Long High Voltage AC Cable in Transmission System I: Switching Transient Problems	S. Rahimi, W. Wiechowski, M. Randrup, J. Å̃stergaard, A. Nielsen
33B	08TD0574	Identification of Problems when Using Long High Voltage AC Cable in Transmission System II: Resonance & Harmonic Resonance	S. Rahimi, W. Wiechowski, M. Randrup, J. Å̃stergaard, A. Nielsen
33F	08TD0588	Prospects of Multilevel VSC Technologies for Power Transmission	B. Gemmell, J. Dorn, D. Retzmann, D. Soerangr
34A	08TD0599	Secure Super Grids(tm): A New Solution for Secure Power in Critical Urban Centers	M. Ross, B. Kehrl
20C	08TD0627	Measurement of Switching Overvoltages at Substations and on Transmission Lines in Extra High Voltage Systems	Y. Shinohara, K. Fukui, S. Nomoto, H. Matsubara
32C	08TD0676	Mobile robot for hot spot monitoring in electric power substation.	J. Jardini, J. Pinto, M. Masuda, L. Magrini, M. Garbelotti
33D	08TD0724	Development of Test Facility for Transmission Line Protection	G. Karady, S. Kucuksari, Y. Ma
24C	08TD0744	Optimal Transmission Line Pricing Algorithm for a Restructured Power System	D. Dike, C. Uwakwe, C. Anyakpo
26D	08TD0770	The Possibilities of Mathematic Simulation Using for Examination of RES Connecting System Behaviour	P. Hejtmankova, E. Dvorsky

**Power Delivery - T & D Committee - Power Quality Poster Session**

27B	08TD0104	Optimal Placement of FACTS devices to improve transient stability of Multi-machine Power System	M. Mohammadinia, M. Borzouie
27D	08TD0247	Testing Ordinal Optimization Approach in Power Distribution System Control	D. Ersoz, E. Atmaca
28C	08TD0292	Nonlinear PI Predictive Control Design for Thyristor Controlled Series Compensator	G. Rashed, H. Shaheen, S. Cheng
28F	08TD0306	The Interline Power Flow Controller: Further Aspects Related to its Operation and Main Limitations	R. Vasquez-arnez, F. Moreira
29B	08TD0396	New Criterion to Determine the Nature of Single-phase Faults	L. Haofang, L. Haofang
29D	08TD0400	Prevention of sympathetic tripping phenomena on power system by fault level management	B. Agili, M. Abdu Alaziz, H. Kamal
30C	08TD0427	Synthetic Test Circuits for the Operational Tests of TCR and TSC Thyristor Valves	B. Sheng, M. Oliveira, H. Bjarne
30F	08TD0441	Hexagram Converter for Static Var Compensation	J. Wen, K. Smedley
31E	08TD0454	Power Quality Event Analysis using Wavelet Feature based Fuzzy Classification	S. Meher
32B	08TD0455	Analysis of Deployment of Control Power in the Netherlands	J. Frunt, W. Kling, J. Myrzik
32D	08TD0487	Nonlinear Optimal Predictive Controller for Static Synchronous Compensator (STATCOM)	H. Shaheen, G. Rashed, S. Cheng
33A	08TD0506	A Wavelet-Based Algorithm For Power Quality Detection in Electric Arc Furnace	M. CÂndido, L. Jr
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