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MARIJA D. ILIC'S IEEE PAPERS

* Conference or Journal

* J	Yr/Mo	Citation
J	2013.00	<u>Distributed Energy Resources Integration Challenges in Low-Voltage Networks: Voltage Control Limitations and Risk of Cascading</u> Ferreira, P.D.F. ; Carvalho, P.M.S. ; Ferreira, L.A.F.M. ; Ilic, M.D. IEEE Transactions on Sustainable Energy, Volume: 4 , Issue: 1, 2013, Page(s): 82 - 88
J	2013.00	<u>An Information-Theoretic Approach to PMU Placement in Electric Power Systems</u> Qiao Li ; Tao Cui ; Yang Weng ; Negi, R. ; Franchetti, F. ; Ilic, M.D. IEEE Transactions on Smart Grid, Volume: 4 , Issue: 1, 2013, Page(s): 446 - 456
J	2012.00	<u>Network Impacts and Cost Savings of Controlled EV Charging</u> Verzijlbergh, R.A. ; Grond, M.O.W. ; Lukszo, Z. ; Slootweg, J.G. ; Ilic, M.D. IEEE Transactions on Smart Grid, Volume: 3 , Issue: 3, 2012, Page(s): 1203 - 1212
J	2011.00	<u>Wind Integration in Power Systems: Operational Challenges and Possible Solutions</u> Le Xie ; Carvalho, P.M.S. ; Ferreira, L.A.F.M. ; Juhua Liu ; Krogh, B.H. ; Popli, N. ; Ilic, M.D. Proceedings of the IEEE, Volume: 99 , Issue: 1, 2011 , Page(s): 214 - 232
J	2011.00	<u>Dynamic Monitoring and Decision Systems for Enabling Sustainable Energy Services</u> Ilic, M.D. Proceedings of the IEEE, Volume: 99 , Issue: 1, 2011, Page(s): 58 - 79
J	2011.00	<u>Optimal Charge Control of Plug-In Hybrid Electric Vehicles in Deregulated Electricity Markets</u> Rotering, N ; Ilic, M. IEEE Transactions on Power Systems, Volume: 26 , Issue: 3 2011, Page(s): 1021 - 1029

J	2011.00	<u>Mitigating Blackouts via Smart Relays: A Machine Learning Approach</u> Yi Zhang ; Ilic, M.D. ; Tonguz, O.K. Proceedings of the IEEE, Volume: 99 , Issue: 1, 2011, Page(s): 94 - 118
J	2011.00	<u>Efficient Coordination of Wind Power and Price-Responsive Demand—Part II: Case Studies</u> Ilic, M.D. ; Le Xie ; Jhi-Young Joo, IEEE Transactions on Power Systems, Volume: 26, Issue: 4, 2011, Page(s): 1885 - 1893
J	2011.00	<u>A Decision-Making Framework and Simulator for Sustainable Electric Energy Systems</u> Ilić, M.D. ; Jhi-Young Joo ; Le Xie ; Prica, M. ; Rotering, N., IEEE Transactions on Sustainable Energy, Volume: 2 , Issue: 1, 2011, Page(s): 37 - 49
J	2011.00	<u>Efficient Coordination of Wind Power and Price-Responsive Demand—Part I: Theoretical Foundations</u> Ilic, M.D. ; Le Xie ; Jhi-Young Joo, IEEE Transactions on Power Systems, Volume: 26 , Issue: 4, 2011, Page(s): 1875 - 1884
J	2010.00	<u>Modeling of Future Cyber–Physical Energy Systems for Distributed Sensing and Control</u> Ilić, M.D. ; Le Xie ; Khan, U.A. ; Moura, J.M.F. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, Volume: 40 , Issue: 4 , 2010, Page(s): 825 - 838
J	2008.08	Allen, Eric H., Jeffrey H. Lang, and Marija D. Ilic. "A Combined Equivalenced-Electric, Economic and Market Representation of the Northeastern Power Coordinating Concil U.S. Electric Power System." IEEE Transactions on Power Systems. August 2008 (accepted).
J	2007.05	Ilic, M. D.; "From Hierarchical to Open Access Electric Power Systems." <i>Proceedings of the IEEE</i> , Volume 95, Issue 5, May 2007 Page(s):1060 – 1084. (PDF)
J	2006.02	Minoia, A.; Ernst, D.; Dicorato, M.; Trovato, M.; Ilic, M. "Reference transmission network: a game theory approach." IEEE Transactions on Power Systems, Volume 21, Issue 1, Feb. 2006 Page(s):249 – 259. (PDF)
J	2005.11	Ilic, M.D.; Allen, H.; Chapman, W.; King, C.A.; Lang, J.H.; Litvinov, E. "Preventing future blackouts by means of enhanced electric power systems control: from complexity to order." Proceedings of the IEEE, Volume 93, Issue 11, Nov. 2005 Page(s):1920 – 1941. (PDF)
J	2005.02	Botterud, A.; Ilic, M.D.; Wangensteen, I. "Optimal investments in power generation under centralized and decentralized decision making." IEEE Transactions on Power Systems, Volume 20, Issue 1, Feb. 2005 Page(s):254 – 263. (PDF)
J	2004.08	Fumagalli, E.; Black, J.W.; Vogelsang, I.; Ilic, M. "Quality of service provision in electric power distribution systems through reliability insurance." IEEE Transactions on Power Systems, Volume 19, Issue 3, Aug. 2004 Page(s):1286 – 1293. (PDF)

J	2004.02	Ilic, M.; Apt, J.; Khosla, P.; Lave, L.B.; Morgan, M.G.; Talukdar, S. "Introducing electric power into a multidisciplinary curriculum for network industries." IEEE Transactions on Power Systems, Volume 19, Issue 1, Feb. 2004 Page(s):9 – 16. (PDF)
J	2003.05	Ilic, M.; Hsieh, E.; Ramanan, P. "Transmission pricing of distributed multilateral energy transactions to ensure system security and guide economic dispatch." IEEE Transactions on Power Systems, Volume 18, Issue 2, May 2003 Page(s):428 – 434. (PDF)
J	2001.02	Ilic, M.; Skantz, P.; Visudhiphan, P. "Electricity Troubles In California: Who's Next?" IEEE Spectrum, Volume 38, Issue 2 , Feb. 2001 Page(s):11 – 13. (PDF)
J	2001.02	Allen, E.; LaWhite, N.; Yoon, Y.; Chapman, J.; Ilic, M. "Interactive object-oriented simulation of interconnected power systems using SIMULINK." IEEE Transactions on Education, Volume 44, Issue 1, Feb 2001 Page(s):87 – 94, (PDF)
J	2000.11	Allen, E.H.; Ilic, M.D. „Interaction of transmission network and load phasor dynamics in electric power systems." IEEE Transactions on Circuits and Systems I: Fundamental Theory and Applications, Volume 47, Issue 11, Nov. 2000 Page(s):1613 – 1620. (PDF)
J	2000.08	Ilic, M.; Skantze, P. "Electric power systems operation by decision and control. The case revisited." IEEE Control Systems Magazine, Volume 20, Issue 4, Aug. 2000 Page(s):25 – 39. (PDF)
J	2000.02	Allen, E.H.; Ilic, M.D. „Reserve markets for power systems reliability." IEEE Transactions on Power Systems, Volume 15, Issue 1, Feb. 2000 Page(s):228 – 233. (PDF)
J	1999.11	Chien-Ning Yu; Yong T. Yoon; Ilic, M.D.; Catelli, A. "On-line voltage regulation: the case of New England." IEEE Transactions on Power Systems, Volume 14, Issue 4, Nov. 1999 Page(s):1477 – 1484. (PDF)
J	1998.10	Sira-Ramirez, H.J.; Ilic, M. "A geometric approach to the feedback control of switch mode DC-to-DC power supplies." IEEE Transactions on Circuits and Systems, Volume 35, Issue 10, Oct. 1988 Page(s):1291 – 1298. (PDF)
J	1998.05	Galiana, F.D.; Ilic, M. "A mathematical framework for the analysis and management of power transactions under open access." Power Systems, Volume 13, Issue 2, May 1998 Page(s):681 – 687. (PDF)
J	1997.05	Zobian, A.; Ilic, M.D. "Unbundling of transmission and ancillary services. II. Cost-based pricing framework." IEEE Transactions on Power Systems, Volume 12, Issue 2, May 1997 Page(s):549 – 558. (PDF)
J	1997.05	Zobian, A.; Ilic, M.D. "Unbundling of transmission and ancillary services. I. Technical issues." IEEE Transactions on Power Systems, Volume 12, Issue 2, May 1997 Page(s):539 – 548. (PDF)
J	1997.05	Ilic, M.D.; Yoon, Y.T.; Zobian, A. "Available transmission capacity (ATC) and its value under open access." IEEE Transactions on Power Systems, Volume 12, Issue 2, May 1997 Page(s):636 – 645. (PDF)

J	1997.04	LaWhite, N.; Ilic, M.D. "Vector space decomposition of reactive power for periodic nonsinusoidal signals." IEEE Transactions on Circuits and Systems I: Fundamental Theory and Applications, Volume 44, Issue 4, April 1997 Page(s):338 – 346. PDF
J	1996.05	Zobian, A.; Ilic, M.D. "A steady state voltage monitoring and control algorithm using localized least square minimization of load voltage deviations." IEEE Transactions on Power Systems, Volume 11, Issue 2, May 1996 Page(s):929 – 938. PDF
J	1996.03	Allen, E.H.; Chapman, J.W.; Ilic, M.D. "Effects of torsional dynamics on nonlinear generator control." IEEE Transactions on Control Systems Technology, Volume 4, Issue 2, March 1996 Page(s):125 – 140. PDF
J	1995.11	Ilic, M.D.; Xiaojun Liu; Leung, G.; Athans, M.; Vialas, C.; Pruvot, P. "Improved secondary and new tertiary voltage control." IEEE Transactions on Power Systems, Volume 10, Issue 4, Nov. 1995, Page(s):1851 – 1862. PDF
J	1995.02	Yehia, M.; Chedid, R.; Ilic, M.; Zobian, A.; Tabors, R.; Lacalle-Melero, J. "A global planning methodology for uncertain environments: application to the Lebanese power system." IEEE Transactions on Power Systems, Volume 10, Issue 1, Feb. 1995 Page(s):332 – 338. PDF
J	1994.10	Chedid, R.; LaWhite, N.; Ilic, M. "Simulating dynamic interactions of grid-linked wind turbines." IEEE Computer Applications in Power, Volume 7, Issue 4, Oct. 1994 Page(s):46 – 49. PDF
J	1994.05	King, C.A.; Chapman, J.W.; Ilic, M.D. "Feedback linearizing excitation control on a full-scale power system model." IEEE Transactions on Power Systems, Volume 9, Issue 2, May 1994 Page(s):1102 – 1109. PDF
J	1993.08	Nishimura, F.; Tabors, R.D.; Ilic, M.D.; Lacalle-Melero, J.R. "Benefit optimization of centralized and decentralized power systems in a multi-utility environment." IEEE Transactions on Power Systems, Volume 8, Issue 3, Aug. 1993 Page(s):1180 – 1186. PDF
J	1993.08	Chapman, J.W.; Ilic, M.D.; King, C.A.; Eng, L.; Kaufman, H. "Stabilizing a multimachine power system via decentralized feedback linearizing excitation control." IEEE Transactions on Power Systems, Volume 8, Issue 3, Aug. 1993 Page(s):830 – 839. PDF
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J	1992.02	Ilic, M.; Stankovic, A. "Voltage problems on transmission networks subject to unusual power flow patterns." IEEE Transactions on Power Systems, Volume 6, Issue 1, Feb. 1991 Page(s):339 – 348. PDF
J	1991.02	Stankovic, A.; Ilic, M.; Maratukulam, D. "Recent results in secondary voltage control of power systems." IEEE Transactions on Power Systems, Volume 6, Issue 1, Feb. 1991 Page(s):94 – 101, PDF

J	1991.02	Ilic, M.; Stankovic, A. "Voltage problems on transmission networkd subject to unusual power flow patterns." IEEE Power Engineering Review, Volume 11, Issue 2, February 1991 Page(s):71. (PDF)
J	1990.11	Ilic, M.; Stobart, W. "Development of a smart algorithm for voltage monitoring and control." IEEE Transactions on Power Systems, Volume 5, Issue 4, Nov. 1990 Page(s):1183 – 1193. (PDF)
J	1990.08	Crow, M.L.; Ilic, M. "The parallel implementation of the waveform relaxation method for transient stability simulations." IEEE Transactions on Power Systems, Volume 5, Issue 3, Aug. 1990 Page(s):922 – 932. (PDF)
J	1989.01	Ilic, M. "New approaches to voltage monitoring and control." IEEE Control Systems Magazine, Volume 9, Issue 1, Jan. 1989 Page(s):5 – 11. (PDF)
J	1988.05	Ilic-Spong, M.; Christensen, J.; Eichorn, K.L. "Secondary voltage control using pilot point information." IEEE Transactions on Power Systems, Volume 3, Issue 2, May 1988 Page(s):660 – 668. (PDF)
J	1987.05	Ilic'-Spong, M.; Marino, R.; Peresada, S.; Taylor, D. "Feedback linearizing control of switched reluctance motors." IEEE Transactions on Automatic Control, Volume 32, <u>Issue 5</u> , May 1987 Page(s):371 – 379. (PDF)
J	1986.03	Ilic-Spong, M.; Thorp, J.; Spong, M. "Localized response performance of the decoupled Q -V network." IEEE Transactions on Circuits and Systems, Volume 33, Issue 3, Mar 1986 Page(s):316 – 322. (PDF)
J	1985.02	Ilic-Spong, M.; Spong, M.; Fischl, R. "The no-gain theorem and localized response for the decoupled P -hetapower network with active power losses included." IEEE Transactions on Circuits and Systems, Volume 32, Issue 2, Feb 1985 Page(s):170 – 177. (PDF)
J	1982.01	Ilic-Spong, M.; Zaborszky, J. "A Different Approach to Load Flow." IEEE Transactions on Power Apparatus and Systems, Volume PAS-101, Issue 1, Jan. 1982 Page(s):168 – 179. (PDF)
C	2013.00	<u>Distributed algorithm for SDP state estimation</u> Yang Weng ; Qiao Li ; Negi, R. ; Ilic, M., 2013 IEEE PES Innovative Smart Grid Technologies (ISGT), 2013, Page(s): 1 - 6
C	2012.00	<u>A graph-theoretic approach to modeling network effects of phase shifters on active power loop flows</u> Cvijic, S; Cvetkovic, M ; Ilic, M., North American Power Symposium (NAPS), 2012, Page(s): 1 - 6
C	2012.00	<u>Energy-based transient stabilization using facts in systems with wind power</u> Cvetkovic, M ; Ilic, M., Power and Energy Society General Meeting, 2012 IEEE, 2012 , Page(s): 1 - 7
C	2012.00	<u>Toward Distributed Contingency Screening Using Line Flow Calculators and Dynamic Line Rating Units (DLRs)</u> Ilic, M.D ; Hsu, A., System Science (HICSS), 2012 45th Hawaii International Conference on 2012, Page(s): 2027 - 2035

C	2012.00	<u>Distributed multi-temporal risk management approach to designing dynamic pricing</u> Jhi-Young Joo; Ilic, M., Power and Energy Society General Meeting, 2012 IEEE, 2012, Page(s): 1 - 6
C	2012.00	<u>Stochastic co-optimization of charging and frequency regulation by electric vehicles</u> Donadee, J ; Ilic, M., North American Power Symposium (NAPS), 2012 , Page(s): 1 - 6
C	2012.00	<u>Multi-scale Integration of Physics-Based and Data-Driven Models in Power Systems</u> Le Xie; Yun Zhang; Ilic, M.D., 2012 IEEE/ACM Third Conference on Cyber-Physical Systems (ICCPS), International, 2012 , Page(s): 129 - 137
C	2012.00	<u>Modeling uncertain load and wind power in the electric energy systems</u> Abdel-Karim, N ; Ilic, M., 2012 IEEE Power and Energy Society General Meeting, 2012, Page(s): 1 - 8
C	2012.00	<u>Distributed newton method for computing real decoupled power flow in lossy electric energy networks</u> Hsu, A ; Ilic, M.D. , 2012 North American Power Symposium (NAPS), 2012, Page(s): 1 - 7
C	2012.00	<u>Enhanced Automatic Generation Control (E-AGC) for future electric energy systems</u> Qixing Liu; Ilic, M.D., 2012 IEEE Power and Energy Society General Meeting, 2012, Page(s): 1 - 8
C	2012.00	<u>Semidefinite programming for power system state estimation</u> Yang Weng; Qiao Li; Negi, R ; Ilic, M., 2012 IEEE Power and Energy Society General Meeting, 2012, Page(s): 1 - 8
C	2012.00	<u>Transient stability analysis by reachable set computation</u> Althoff, M ; Cvetkovic, M ; Ilic, M., 3rd IEEE PES International Conference and Exhibition on Innovative Smart Grid Technologies (ISGT Europe), 2012, Page(s): 1 - 8
C	2012.00	<u>Modeling, analysis and control design complexities in future electric energy systems</u> Ilic, M ; Cvetkovic, M ; Bachovchin, K ; Qixing Liu, 2012 15th International Power Electronics and Motion Control Conference (EPE/PEMC), 2012 , Page(s): LS2b.3-1 - LS2b.3-6
C	2012.00	<u>A dynamic modeling framework for future distribution energy systems</u> Nazari, M.H ; Ilic, M. 2012 North American Power Symposium (NAPS), 2012 , Page(s): 1 - 6
C	2012.00	<u>Toward standards for model-based control of dynamic interactions in large electric power grids</u> Ilic, M.D ; Qixing Liu, 2012 Asia-Pacific Signal & Information Processing Association Annual Summit and Conference (APSIPA ASC), 2012, Page(s): 1 - 8

C	2012.00	<u>Comparing different EV charging strategies in liberalized power systems</u> Verzijlbergh, R.A. ; Lukszo, Z. ; Ilic, M.D. 9th International Conference on the European Energy Market (EEM), 2012, Page(s): 1 - 8
C	2012.00	<u>Optimal investment decisions in transmission expansion</u> Chin Yen Tee ; Ilic, M. 2012 North American Power Symposium (NAPS), 2012, Page(s): 1 - 6
C	2012.00	<u>A search method for obtaining initial guesses for smart grid state estimation</u> Yang Weng ; Negi, R. ; Ilic, M.D. 2012 IEEE Third International Conference on Smart Grid Communications (SmartGridComm), 2012, Page(s): 599 - 604
C	2012.00	<u>Area-level reduction of wheeling loop flows in regional power networks</u> Cvijic, S. ; Ilic, M. 2012 3rd IEEE PES International Conference and Exhibition on Innovative Smart Grid Technologies (ISGT Europe), 2012, Page(s): 1 - 8
C	2011.00	<u>Toward a systems approach to power-electronically switched T&D equipment at value</u> Ilic, M. ; Cvetkovic, M. ; Bachovchin, K. ; Hsu, A. 2011 IEEE Power and Energy Society General Meeting, 2011, Page(s): 1 - 7
C	2011.00	<u>PMU based transient stabilization using FACTS</u> Cvetkovic, M. ; Ilic, M. 2011 IEEE/PES Power Systems Conference and Exposition (PSC), 2011, Page(s): 1 - 6
C	2011.00	<u>Deriving electric vehicle charge profiles from driving statistics</u> Verzijlbergh, R.A. ; Lukszo, Z. ; Veldman, E. ; Sloomweg, J.G. ; Ilic, M. 2011 IEEE Power and Energy Society General Meeting, 2011, Page(s): 1 - 6
C	2011.00	<u>Robust state-estimation procedure using a Least Trimmed Squares pre-processor</u> Yang Weng ; Negi, R. ; Qixing Liu ; Ilic, M.D. 2011 IEEE PES Innovative Smart Grid Technologies (ISGT), 2011, Page(s): 1 - 6
C	2011.00	<u>Operating-conditions and decisions-driven test systems (OCDTS)</u> Ilic, M.D. 2011 IEEE Power and Energy Society General Meeting, 2011, Page(s): 1
C	2011.00	<u>Distribution pricing and tariff structure: The ongoing US reforms</u> Ilic, M.D. ; Donadee, J. 2011 IEEE Power and Energy Society General Meeting, 2011, Page(s): 1 - 2
C	2011.00	<u>Evolution of reliability toward meeting Grid-Enabled users needs</u> Ilic, M.D. 2011 IEEE Power and Energy Society General Meeting, 2011, Page(s): 1 - 5
C	2011.00	<u>The complexity of voltage and reactive power dispatch in control centers: From analysis to on-line decision making</u> Ilic, M.D. ; Lang, Jeffrey H. 2011 IEEE Power and Energy Society General Meeting, 2011, Page(s): 1 - 8

C	2011.00	<u>The impact of controlled electric vehicle charging on residential low voltage networks</u> Verzijlbergh, R.A. ; Lukszo, Z. ; Slootweg, J.G. ; Ilic, M.D. 2011 IEEE International Conference on Networking, Sensing and Control (ICNSC), 2011, Page(s): 14 - 19
C	2011.00	<u>Multi-temporal risk minimization of adaptive load management in electricity spot markets</u> Jhi-Young Joo ; Ilic, M. 2011 2 nd IEEE PES International Conference and Exhibition on Innovative Smart Grid Technologies (ISGT Europe), 2011, Page(s): 1 - 7
C	2011.00	<u>Phasor measurement units placement for power system state estimation: A greedy approach</u> Qiao Li ; Negi, R. ; Ilic, M.D. 2011 IEEE Power and Energy Society General Meeting, 2011, Page(s): 1 - 8
C	2011.00	<u>Pricing uncertainties and inter-temporal constraints: By whom, to whom and how much?</u> Ilic, M.D. 2011 IEEE Power and Energy Society General Meeting, 2011, Page(s): 1 - 7
C	2011.00	<u>The challenge of IT-enabled policy design for sustainable electric energy systems</u> Ilic, M.D. 2011 IEEE Power and Energy Society General Meeting, 2011, Page(s): 1 - 7
C	2011.00	<u>Costs and benefits of transmission congestion management</u> Ilic, M.D. ; Bachovchin, K.D. ; Lewis, A.S. 2011 IEEE/PES Power Systems Conference and Exposition (PSC), 2011, Page(s): 1 - 7
C	2011.00	<u>The role of electric vehicles on a green island</u> Verzijlbergh, R.A. ; Ilic, M.D. ; Lukszo, Z. 2011 North American Power Symposium (NAPS), 2011, Page(s): 1 - 7
C	2011.00	<u>Stress test model of cascading failures in power grids</u> Huawei Liao ; Ilic, M. 2011 North American Power Symposium (NAPS), 2011, Page(s): 1 - 5
C	2011.00	<u>On limits to the graph-theoretic approaches in the electric power systems</u> Cvijic, S. ; Ilic, M. 2011 North American Power Symposium (NAPS), 2011, Page(s): 1 - 6
C	2011.00	<u>Data aggregation strategies for aligning PMU and AMI measurements in electric power distribution networks</u> Ramesh, V. ; Khan, U. ; Ilic, M.D. 2011 North American Power Symposium (NAPS), 2011, Page(s): 1 - 7
C	2011.00	<u>Toward Coordinated-Voltage-Control-Enabled HV Smart Grids</u> Ilic, M. ; Lang, J. ; Litvinov, E. ; Xiaochuan Luo ; Jianzhong Tong 2011 2 nd IEEE PES International Conference and Exhibition on Innovative Smart Grid Technologies (ISGT Europe), 2011, Page(s): 1 - 8

C	2011.00	<u>Locational dependence of maximum installable PV capacity in LV networks while maintaining voltage limits</u> Jenicek, D. ; Inam, W. ; Ilic, M. 2011 North American Power Symposium (NAPS), 2011, Page(s): 1 - 5
C	2011.00	<u>A possible engineering and economic framework for implementing demand side participation in frequency regulation at value</u> Ilic, M.D. ; Popli, N. ; Jhi-Young Joo ; Yunhe Hou. 2011 IEEE Power and Energy Society General Meeting, 2011, Page(s): 1 - 7
C	2010.11	<u>Emission-concerned economic dispatch: Possible formulations and implementations</u> Le Xie ; Ilic, M.D. 2010 IEEE PES Transmission and Distribution Conference and Exposition, 2010, Page(s): 1 - 6
C	2010.00	<u>Dynamic stability and control design of modern electric energy systems with large penetration of distributed generators</u> Nazari, M.H. ; Ilić, M. ; Lopes, J.P. 2010 iREP Symposium Bulk Power System Dynamics and Control (iREP) - VIII (iREP), 2010, Page(s): 1 - 7
C	2010.00	<u>Potential for efficiency improvement of future electric energy systems with distributed generation units</u> Nazari, M.H. ; Ilic, M. 2010 IEEE Power and Energy Society General Meeting, 2010, Page(s): 1 - 9
C	2010.00	<u>Toward PMU-based robust automatic voltage control (AVC) and automatic flow control (AFC)</u> Zhijian Liu ; Ilic, M.D. 2010 IEEE Power and Energy Society General Meeting, 2010, Page(s): 1 - 8
C	2010.00	<u>Adaptive reliability revisited</u> Ilic, M. 2010 IEEE Power and Energy Society General Meeting, 2010, Page(s): 1 - 2
C	2010.00	<u>Robust control design for frequency regulation in power systems with high wind penetration</u> Juhua Liu ; Krogh, B.H. ; Ilić, M.D. 2010 American Control Conference (ACC), 2010 , Page(s): 4349 - 4354
C	2010.00	<u>Teaching smart grids: Yet another challenge and opportunity for transforming power systems curriculum</u> Ilic, M. 2010 IEEE Power and Energy Society General Meeting, 2010, Page(s): 1 - 2
C	2010.00	<u>Adaptive load management (ALM) in electric power systems</u> Jhi-Young Joo ; Ilić, M.D. 2010 International Conference on Networking, Sensing and Control (ICNSC), 2010, Page(s): 637 - 642
C	2010.00	<u>A multi-layered adaptive load management (ALM) system: Information exchange between market participants for efficient and reliable energy use</u> Jhi-Young Joo ; Ilić, M.D. 2010 IEEE PES Transmission and Distribution Conference and Exposition, 2010 , Page(s): 1 - 7

C	2010.00	<u>Making transmission systems smart: An opportunity which should not be missed</u> Ilic, M. 2010 IEEE Power and Energy Society General Meeting, 2010, Page(s): 1 - 2
C	2010.00	<u>Transforming supervisory control and data acquisition (SCADA) into Dynamic Monitoring and Decision Systems (DYMONDS): The missing link in smart grids</u> Ilic, M. 2010 IEEE Power and Energy Society General Meeting, 2010, Page(s): 1 - 4
C	2010.00	<u>Two-stage PV power system with improved throughput and utility control capability</u> Nichols, S. ; Huang, J. ; Ilic, M. ; Casey, L. ; Prestero, M. 2010 IEEE Conference on Innovative Technologies for an Efficient and Reliable Electricity Supply (CITRES), 2010, Page(s): 110 - 115
C	2010.00	<u>PV plant intermittency mitigation using constant DC voltage PV and EV battery storage</u> Mossoba, J. ; Ilic, M. ; Casey, L. 2010 IEEE Conference on Innovative Technologies for an Efficient and Reliable Electricity Supply (CITRES), 2010, Page(s): 297 - 301
C	2009.07	Xie, Le and Marija D. Ilic, "Model Predictive Economic/Environmental Dispatch of Power Systems with Intermittent Resources," IEEE PES General Meeting 2009, Calgary, Canada, July 2009. (accepted)
C	2009.07	Xie, Le and Marija D. Ilic, "Model Predictive Economic/Environmental Dispatch of Power Systems with Intermittent Resources," IEEE PES General Meeting 2009, Calgary, Canada, July 2009. (accepted)
C	2009.06	Abdel-Karim, Noha, Michell J. Small, Marija D. Ilic. "Short Term Wind Speed Prediction Using Finite and Infinite Impulse Response Filters: A State Space Representation Using Discrete Markov Process." IEEE PowerTech Conference, Bucharest, Romania, June 28-July 2, 2009.
C	2009.06	Houwing M, G. Papaefthymiou, PW Heijnen, and M. Ilić. "Balancing Wind Power with Virtual Power Plants of Micro-CHPs." IEEE PowerTech. IEEE: Bucharest, Romania, June 28-July 2, 2009.
C	2009.06	Nazari, Masoud and Marija Ilic. "Technical Challenge in Modernizing Distribution Electric Power Systems with Large Number of Distributed Generators," IEEE Power & Energy Society, PowerTech 2009, Bucharest, Romania, June 2009.
C	2009.03	M. Houwing, M. Ilic, R. R. Negenborn, and B. De Schutter, "Model Predictive Control of Fuel Cell Micro Cogeneration Systems", In: Proceedings of the IEEE International Conference on Networking, Sensing and Control, Okayama City, Japan, March 26-29, 2009.
C	2009.00	<u>A novel fault-dependent-time-settings algorithm for overcurrent relays</u> Prca, M. ; Ilic, M. Power & Energy Society General Meeting, 2009. PES '09. IEEE Digital Object Identifier: 10.1109/PES.2009.5275192 Publication Year: 2009 , Page(s): 1 - 9

C	2009.00	<p><u>On the fundamental importance of relating operating and planning objectives in the changing electric power industry</u> Prica, M. ; Ilic, M. ; Ilic, J. North American Power Symposium (NAPS), 2009 Digital Object Identifier: 10.1109/NAPS.2009.5483998 Publication Year: 2009 , Page(s): 1 - 6</p>
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