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Publications

ALL ARTICLE IN JOURNAL (26) BOOK (4) CONFERENCE (30) REPORT (9) PEER REVIEWED (64)
2017

Probabilistic Forecasting of Photovoltaic Generation: An Efficient Statistical Approach

Wan, Can ; Lin, Jin ; Song, Yonghua ; Xu, Zhao ; [Yang, Guangya](#)
 in journal: I E E Transactions on Power Systems (ISSN: [0885-8950](#)) (DOI: <http://dx.doi.org/10.1109/TPWRS.2016.2608740>), vol: 32, issue: 3, pages: 2471 - 2472, 2017
 Type: Journal article (Peer reviewed)
 Status: Published | Year: 2017 | DOI: <http://dx.doi.org/10.1109/TPWRS.2016.2608740>


A Review on Grid-connected Converter Control for Short Circuit Power Provision under Grid Unbalanced Faults

[Jia, Jundi](#) ; [Yang, Guangya](#) ; [Nielsen, Arne Hejde](#)
 in journal: IEEE Transactions on Power Delivery (ISSN: [0885-8977](#)) (DOI: <http://dx.doi.org/10.1109/TPWRD.2017.2682164>), 2017
 Type: Journal article (Peer reviewed)
 Status: Accepted/In press | Year: 2017 | DOI: <http://dx.doi.org/10.1109/TPWRD.2017.2682164>


Photovoltaics merging with the active integrated grid

Alet, Pierre-Jean ; Baccaro, Federica ; De Felice, Matteo ; Efthymiou, Venizelos ; Mayr, Christoph ; Gradi, Giorgio ; Juel, Mari ; Moser, David ; Petitta, Marcello ; Tselepis, Stathis ; [Yang, Guangya](#)
 Publisher: European Technology and Innovation Platform Photovoltaics, Report name: Photovoltaics merging with the active integrated grid, pages: 19
 Type: Report (Peer reviewed)
 Status: Published | Year: 2017



Frequency Stability Enhancement for Low Inertia Systems using Synthetic Inertia of Wind Power

Nguyen, Ha Thi ; Yang, Guangya ; Nielsen, Arne Hejde ; Jensen, Peter Højgaard

part of: Proceedings of 2017 IEEE PES General Meeting, 2017, IEEE,

Presented at: 2017 IEEE PES General Meeting, 2017, Chicago

Type: Article in proceedings (Peer reviewed)

Status: Accepted/In press | Year: 2017



A Review of Cyber-Physical Energy System Security Assessment

Rasmussen, Theis Bo ; Yang, Guangya ; Nielsen, Arne Hejde ; Dong, Zhaoyang

part of: Proceedings of 12th IEEE Power and Energy Society PowerTech Conference, 2017, IEEE,

Presented at: 12th IEEE Power and Energy Society PowerTech Conference, 2017, Manchester

Type: Article in proceedings (Peer reviewed)

Status: Accepted/In press | Year: 2017



Distance relay performance in future converter dominated power systems

Sarkar, Moumita ; Jia, Jundi ; Yang, Guangya

part of: Proceedings of 12th IEEE PES PowerTech Conference, 2017, IEEE,

Presented at: 12th IEEE PES PowerTech Conference, 2017, Manchester

Type: Article in proceedings (Peer reviewed)

Status: Published | Year: 2017 | DOI: <http://dx.doi.org/10.1109/PTC.2017.7981144>



Assessing the need for better forecasting and observability of pv.

Alet, Pierre-Jean ; Efthymiou, Venizelos ; Graditi, Giorgio ; Juel, Mari ; Moser, David ; Nemas,

Franco ; Pierro, Marco ; Rikos, Evangelos ; Tselepis, Stathis ; Yang, Guangya

Report name: Assessing the need for better forecasting and observability of pv., pages: 21

Type: Report (Peer reviewed)

Status: Published | Year: 2017



Economic Assessment of Network-Constrained Transactive Energy for Managing Flexible Demand in Distribution Systems

Hu, Junjie ; Yang, Guangya ; Xue, Yusheng

in journal: Energies (ISSN: [1996-1073](#)) (DOI: <http://dx.doi.org/10.3390/en10050711>), vol: 10, issue: 5, 2017

Type: Journal article (Peer reviewed)

Status: Published | Year: 2017 | DOI: <http://dx.doi.org/10.3390/en10050711>



Implementation of a Simplified State Estimator for Wind Turbine Monitoring on an Embedded System

Rasmussen, Theis Bo ; Yang, Guangya ; Nielsen, Arne Hejde ; Dong, Zhao Yang

part of: Proceedings of 2017 Federated Conference on Computer Science and Information Systems, 2017, IEEE,

Presented at: Federated Conference on Computer Science and Information Systems, 2017, Prague

Type: Article in proceedings (Peer reviewed)

Status: Accepted/In press | Year: 2017

**Adaptive ultra-short-term wind power prediction based on risk assessment**

Xue, Yusheng ; Yu, Chen ; Li, Kang ; Wen, Fushuan ; Ding, Yi ; Wu, Qiuwei ; Yang, Guangya
 in journal: C S E E Journal of Power and Energy Systems (ISSN: 2096-0042) (DOI:
<http://dx.doi.org/10.17775/CSEEJPES.2016.00036>), vol: 2, issue: 3, pages: 59-64, 2016

Type: Journal article (Peer reviewed)

Status: Published | Year: 2016 | DOI: <http://dx.doi.org/10.17775/CSEEJPES.2016.00036>

**Transactive control: a framework for operating power systems characterized by high penetration of distributed energy resources**

Hu, Junjie ; Yang, Guangya ; Kok, Koen ; Xue, Yusheng ; Bindner, Henrik W.
 in journal: Journal of Modern Power Systems and Clean Energy (ISSN: 2196-5625) (DOI:
<http://dx.doi.org/10.1007/s40565-016-0228-1>), 2016

Type: Journal article (Peer reviewed)

Status: Published | Year: 2016 | DOI: <http://dx.doi.org/10.1007/s40565-016-0228-1>

**Application of Network-Constrained Transactive Control to Electric Vehicle Charging for Secure Grid Operation.**

Hu, Junjie ; Yang, Guangya ; Bindner, Henrik W. ; Xue, Yusheng
 in journal: IEEE Transactions on Sustainable Energy (ISSN: 1949-3029) (DOI:
<http://dx.doi.org/10.1109/TSTE.2016.2608840>), vol: 8, issue: 2, pages: 505 - 515, 2016

Type: Journal article (Peer reviewed)

Status: Published | Year: 2016 | DOI: <http://dx.doi.org/10.1109/TSTE.2016.2608840>

The case for better PV forecasting

Alet, Pierre-Jean ; Efthymiou, Venizelos ; Graditi, Giorgio ; Juel, Mari ; Nemas, Franko ; Pierro, Marco ; Rikos, Evangelos ; Tselepis, Stathis ; Yang, Guangya ; Moser, David ; Henze, Norbert
 in journal: PV-Tech Power, issue: September 2016, pages: 94-98, 2016

Type: Journal article (Peer reviewed)

Status: Published | Year: 2016

Probabilistic Wind Power Forecasting with Hybrid Artificial Neural Networks

Wan, Can ; Song, Yonghua ; Xu, Zhao ; Yang, Guangya ; Nielsen, Arne Hejde
 in journal: Electric Power Components and Systems (ISSN: 1532-5008) (DOI:
<http://dx.doi.org/10.1080/15325008.2016.1198437>), vol: 44, issue: 15, pages: 1656-1668, 2016

Type: Journal article (Peer reviewed)

Status: Published | Year: 2016 | DOI: <http://dx.doi.org/10.1080/15325008.2016.1198437>

**Application of Transactive Control for Integrating Distributed Energy Resources into an Enhanced Distribution System**

Dalsgaard, Mads Thelin ; Yang, Guangya ; Hu, Junjie

Publisher: Technical University of Denmark, Department of Electrical Engineering, Report name:
 Application of Transactive Control for Integrating Distributed Energy Resources into an Enhanced
 Distribution System, pages: 39

Type: Report

Status: Published | Year: 2016

**PVNET.dk - Final Report**

Yang, Guangya ; Kjær, Søren Bækthøj ; Frederiksen, Kenn H. B. ; Ipsen, Hans Henrik ; Refshauge, Rasmus Høyrup

Report name: PVNET.dk - Final Report, pages: 44

Type: Report

Status: Published | Year: 2016

Forecasting and observability: critical technologies for system operations with high PV penetration

Alet, Pierre-Jean ; Efthymiou, Venizelos ; Graditi, Giorgio ; Henze, Norbert ; Juel, Mari ; Moser, David ; Nemas, Franko ; Pierro, Marco ; Rikos, Evangelos ; Tselepis, Stathis ; Yang, Guangya
part of: Proceedings of 2016 European Photovoltaic & Solar Energy Conference and Exhibition, 2016,

Presented at: 32nd European Photovoltaic Solar Energy Conference and Exhibition, 2016, Munich

Type: Article in proceedings (Peer reviewed)

Status: Published | Year: 2016

Frequency Stability Improvement of Low Inertia Systems Using Synchronous Condensers

Nguyen, Ha Thi ; Yang, Guangya ; Nielsen, Arne Hejde ; Jensen, Peter Højgaard

part of: Proceedings of 2016 IEEE International Conference on Smart Grid Communications (ISBN: 978-1-5090-4075-9), pages: 650-655, 2016, IEEE,

Presented at: IEEE International Conference on Smart Grid Communications, 2016, Sydney

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<http://dx.doi.org/10.1109/SmartGridComm.2016.7778835>

Investigation of Grid-connected Voltage Source Converter Performance under Unbalanced Faults

Jia, Jundi ; Yang, Guangya ; Nielsen, Arne Hejde

part of: Proceedings of 2016 IEEE PES Asia-Pacific Power and Energy Conference (ISBN: 978-1-5090-5417-6), pages: 609-613, 2016, IEEE,

Presented at: 2016 IEEE PES Asia-Pacific Power and Energy Engineering Conference, 2016, Xi'an

Type: Article in proceedings (Peer reviewed)

Status: Published | Year: 2016 | DOI: <http://dx.doi.org/10.1109/APPEEC.2016.7779576>

**Reconfiguration of Power Distribution Networks by Evolutionary Algorithm for Reliability Improvement.**

Dalsgaard, Mads Thelin ; Yang, Guangya

Publisher: Technical University of Denmark, Department of Electrical Engineering, Report name: Reconfiguration of Power Distribution Networks by Evolutionary Algorithm for Reliability Improvement., pages: 53

Type: Report (Peer reviewed)

Status: Published | Year: 2016

2015

Decentralized Energy Storage in Residential Feeders with Photovoltaics

Marra, Francesco ; Yang, Guangya

part of: Energy Storage For Smart Grids - Planning and Operation for Renewable and Variable Energy Resources (VERs) (ISBN: [978-0-12-410491-4](#)), pages: 277-294, 2015, Elsevier Science,

Type: Book chapter (Peer reviewed)

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关于短期及超短期风电功率预测的评述

Xue, Yusheng ; Yu, Chen ; Zhao, Junhua ; Li, Kang ; Liu, Xueqin ; Wu, Qiuwei ; Yang, Guangya

in journal: Dianli Xitong Zidonghua/Automation of Electric Power Systems (ISSN: 1000-1026) (DOI: <http://dx.doi.org/10.7500/AEPS20141218003>), vol: 39, issue: 6, pages: 141-150, 2015

Type: Journal article (Peer reviewed)

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Multi-agents modelling of EV purchase willingness based on questionnaires

Xue, Yusheng ; Wu, Juai ; Xie, Dongliang ; Li, Kang ; Yu, Zhang ; Wen, Fushuan ; Cai, Bin ; Wu, Qiuwei ; Yang, Guangya

in journal: Journal of Modern Power Systems and Clean Energy (ISSN: 2196-5625) (DOI: <http://dx.doi.org/10.1007/s40565-015-0112-4>), vol: 3, issue: 2, pages: 149-159, 2015

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Voltage unbalance mitigation in LV networks using three-phase PV systems

Garcia Bajo, Cristina ; Hashemi Toghroljerdi, Seyedmostafa ; Bækthøj Kjær, Søren ; Yang, Guangya ; Østergaard, Jacob

part of: Proceedings of the 2015 IEEE International Conference on Industrial Technology (ICIT) (ISBN: [978-1-4799-7800-7](#)), pages: 2875-2879, 2015, IEEE,

Presented at: 2015 IEEE International Conference on Industrial Technology, 2015, Seville

Type: Article in proceedings (Peer reviewed)

Status: Published | Year: 2015 | DOI: <http://dx.doi.org/10.1109/ICIT.2015.7125522>

Network Constrained Transactive Control for Electric Vehicles Integration.

Hu, Junjie ; Yang, Guangya ; Bindner, Henrik W.

part of: Proceedings of 2015 IEEE PES General Meeting. (ISBN: [978-1-4673-8040-9](#)), 2015, IEEE, Presented at: 2015 IEEE PES General Meeting, 2015, Denver, CO

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Voltage rise mitigation for solar PV integration at LV grids

Yang, Guangya ; Marra, Francesco ; Juamperez Gofii, Miguel Angel ; Kjaer, Søren Bækthøj ; Hashemi Toghroljerdi, Seyedmostafa ; Østergaard, Jacob ; Hans Henrik, Ipsen ; Kenn H. B., Frederiksen

in journal: Journal of Modern Power Systems and Clean Energy (ISSN: [2196-5625](#)) (DOI: <http://dx.doi.org/10.1007/s40565-015-0132-0>), vol: 3, issue: 3, pages: 411-421, 2015

Type: Journal article (Peer reviewed)

Status: Published | Year: 2015 | DOI: <http://dx.doi.org/10.1007/s40565-015-0132-0>

**Systemydelser fra solcelleanlæg**

Kjær, Søren Bækthøj ; Frederiksen, Kenn H. B. ; [Yang, Guangya](#) ; Ipsen, Hans Henrik
in journal: KOGL, issue: 6, pages: 128-135, 2015

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**Quantification, challenges and outlook of PV integration in the power system: a review by the European PV Technology Platform**

Alet, Pierre-Jean ; Baccaro, Federica ; De Felice, Matteo ; Efthymiou, Venizelos ; Mayr, Christoph ; Graditi, Giorgio ; Juel, Mari ; Moser, David ; Petitta, Marcello ; Tselepis, Stathis ; [Yang, Guangya](#)
part of: Proceedings of EU PVSEC, 2015,

Presented at: EU PVSEC 2015, 2015, Hamborg

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Status: Published | Year: 2015

Costs of Residential Solar PV Plants in Distribution Grid Networks

Kjær, Søren Bækthøj ; [Yang, Guangya](#) ; Ipsen, Hans Henrik ; Frederiksen, Kenn H. B. ; [Østergaard, Jacob](#)

part of: Proceedings of EU PVSEC 2015, 2015,

Presented at: EU PVSEC 2015, 2015, Hamborg

Type: Article in proceedings (Peer reviewed)

Status: Published | Year: 2015

**The qualitative criterion of transient angle stability**

Lyu, R. ; Xue, Y. ; Xue, F. ; [Wu, Qiuwei](#) ; [Yang, Guangya](#) ; Zhou, H. ; Ju, P.

part of: Proceedings of The 10th International Conference on Advances in Power System Control, Operation & Management, 2015, IEEE,

Presented at: 10th IET International Conference on Advances in Power System Control, Operation and Management , 2015, Hong Kong

Type: Article in proceedings (Peer reviewed)

Status: Published | Year: 2015

**A comparative study of different transformer connections for railway power supply- mitigation of voltage unbalance**

Firat, Gurkan ; [Yang, Guangya](#) ; Ali Hussain Al-Ali, Haider

part of: Proceedings of 10th International Conference on Advances in Power System Control, Operation & Management (APSCOM 2015), 2015, IEEE,

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Status: Published | Year: 2015 | DOI: <http://dx.doi.org/10.1049/ic.2015.0216>

2014

A Scenario-Based Approach for Energy Storage Capacity Determination in LV Grids with High PV Penetration

Hashemi Toghroljerdi, Seyedmostafa ; Østergaard, Jacob ; Yang, Guangya

in journal: IEEE Transactions on Smart Grid (ISSN: 1949-3053) (DOI:

<http://dx.doi.org/10.1109/TSG.2014.2303580>), vol: 5, issue: 3, pages: 1514-1522, 2014

Type: Journal article (Peer reviewed)

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A Decentralized Storage Strategy for Residential Feeders with Photovoltaics

Marra, Francesco ; Yang, Guangya ; Træholt, Chresten ; Østergaard, Jacob ; Larsen, Esben

in journal: IEEE TRANSACTIONS ON SMART GRID (ISSN: 1949-3053) (DOI:

<http://dx.doi.org/10.1109/TSG.2013.2281175>), vol: 5, issue: 2, pages: 974-981, 2014

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Voltage regulation in LV grids by coordinated volt-var control strategies

Juamperez Goñi, Miguel Angel ; Yang, Guangya ; Kjær, Søren Bækthøj

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Experimental study on EV purchases assisted by multi-agents representing a set of questionnaires

Xue, Yusheng ; Wu, Juai ; Xie, Dongliang ; Li, Kang ; Zhang, Yu ; Wen, Fushuan ; Cai, Bin ; Wu, Qiuwei ; Yang, Guangya

part of: Intelligent Computing in Smart Grid and Electrical Vehicles (ISBN: 978-3-662-45285-1), pages: 449-459, 2014, Springer,

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Status: Published | Year: 2014 | DOI: http://dx.doi.org/10.1007/978-3-662-45286-8_47

A Practical Approach for Parameter Identification with Limited Information

Zeni, Lorenzo ; Yang, Guangya ; Tarnowski, Germán Claudio ; Østergaard, Jacob

part of: Modern Advances in Applied Intelligence. Proceedings, Part II (ISBN: 978-3-319-07466-5), pages: 177-188, 2014, Springer,

Presented at: 27th International Conference on Industrial Engineering and Other Applications of Applied Intelligent Systems, 2014, Kaohsiung

Type: Article in proceedings (Peer reviewed)

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基于实验经济学仿真构建碳排放交易的多代理模型

Chao, Jiang ; Yusheng, Xue ; Jie, Huang ; Wu, Qiuwei ; Yang, Guangya

in journal: Dianli Xitong Zidonghua (ISSN: 1000-1026) (DOI:

<http://dx.doi.org/10.7500/AEPS20140807005>), vol: 38, issue: 17, pages: 80-86, 2014

Type: Journal article (Peer reviewed)

Status: Published | Year: 2014 | DOI: <http://dx.doi.org/10.7500/AEPS20140807005>



A coordinated dispatch model for electricity and heat in a Microgrid via particle swarm optimization

Xu, Lizhong ; [Yang, Guangya](#) ; Xu, Zhao ; Bao, Zhe Jing ; Jiang, Quan Yuan ; Cao, Yi Jia ; [Østergaard, Jacob](#)

in journal: Transactions of the Institute of Measurement and Control (ISSN: [0142-3312](#)) (DOI: <http://dx.doi.org/10.1177/0142331211409098>), vol: 35, issue: 1, pages: 44-55, 2013

Type: Journal article (Peer reviewed)

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Improvement of Local Voltage in Feeders with Photovoltaic using Electric Vehicles

[Marra, Francesco](#) ; [Yang, Guangya](#) ; Fawzy, Y. T. ; [Træholt, Chresten](#) ; [Larsen, Esben](#) ; [Garcia-Valle, Rodrigo](#) ; Møller Jensen, M.

in journal: I E E E Transactions on Power Systems (ISSN: [0885-8950](#)) (DOI: <http://dx.doi.org/10.1109/TPWRS.2013.2248959>), vol: 28, issue: 3, pages: 3515 - 3516, 2013

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EV Charging Facilities and Their Application in LV Feeders with Photovoltaics

[Marra, Francesco](#) ; [Yang, Guangya](#) ; [Træholt, Chresten](#) ; [Larsen, Esben](#) ; [Østergaard, Jacob](#) ; Blazic, Bostjan ; Deprez, Wim

in journal: I E E E Transactions on Smart Grid (ISSN: [1949-3053](#)) (DOI: <http://dx.doi.org/10.1109/TSG.2013.2271489>), vol: 4, issue: 3, 2013

Type: Journal article (Peer reviewed)

Status: Published | Year: 2013 | DOI: <http://dx.doi.org/10.1109/TSG.2013.2271489>

Battery parameterisation based on differential evolution via a boundary evolution strategy

[Yang, Guangya](#)

in journal: Journal of Power Sources (ISSN: [0378-7753](#)) (DOI: <http://dx.doi.org/10.1016/j.jpowsour.2013.06.139>), vol: 245, pages: 583-593, 2013

Type: Journal article (Peer reviewed)

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Storage in distributed generation systems

[Yang, Guangya](#) ; [Hashemi Toghroljerdi, Seyedmstafa](#) ; [Marra, Francesco](#) ; Ravndal Finnby, Arne
Publisher: Technical University of Denmark (DTU), Report name: Storage in distributed generation systems, (ISBN: [978-87-550-3968-1](#)),

Type: Report chapter (Peer reviewed)

Status: Published | Year: 2013



Effect of Reactive Power Management of PV Inverters on Need for Energy Storage

[Hashemi Toghroljerdi, Seyedmstafa](#) ; [Østergaard, Jacob](#) ; [Yang, Guangya](#)

part of: Proceedings of the 39th IEEE Photovoltaic Specialists Conference, 2013, IEEE, Presented at: 39th IEEE Photovoltaic Specialists Conference, 2013, Tampa, Florida

Type: Article in proceedings (Peer reviewed)

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Storage Application in Smart Grid with High PV and EV Penetration

Hashemi Toghroljerdi ; Seyedmostafa ; Yang, Guangya ; Østergaard, Jacob ; You, Shi ; Cha, Seung-Tae

part of: Proceedings of IEEE Innovative Smart Grid Technologies Europe 2013 (ISBN: 9781479929849), 2013, IEEE,

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Status: Published | Year: 2013 | DOI: <http://dx.doi.org/10.1109/ISGTEurope.2013.6695447>



Secure operation of sustainable power system

Yang, Guangya ; Oleson, Ole Jan

Publisher: iPower Consortium, Report name: Secure operation of sustainable power system, pages: 31

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2012



Demand Profile Study of Battery Electric Vehicle under Different Charging Options

Marra, Francesco ; Yang, Guangya ; Træholt, Chresten ; Larsen, Esben ; Rasmussen, Claus Nygaard ; You, Shi

part of: Proceedings of the 2012 IEEE Power & Energy Society General Meeting (ISBN: 9781467327275), 2012, IEEE,

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Status: Published | Year: 2012 | DOI: <http://dx.doi.org/10.1109/PESGM.2012.6345063>



Systems, distribution and storage

Altiparmakis, Argyrios ; Rasmussen, Claus Nygaard ; Pensini, Alessandro ; Marra, Francesco ; Yang, Guangya

Publisher: Technical University of Denmark (DTU), Report name: Systems, distribution and storage, (ISBN: 978-87-550-3965-0),

Type: Report chapter (Peer reviewed)

Status: Published | Year: 2012



Determination of PV Penetration in LV Networks Considering Stochastic Behavior of Loads and PVs

Hashemi Toghroljerdi ; Seyedmostafa ; Yang, Guangya ; Østergaard, Jacob

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Presented at: 2nd International Workshop on Integration of Solar Power into Power Systems, 2012, Lisbon

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Status: Published | Year: 2012

Analysis of thevenin equivalent network of a distribution system for solar integration studies

Yang, Guangya ; Mattesen, Majken ; Kjaer, Søren Bækthøj ; Lazar, Radu Dan ; Constantin, Adrian ; Østergaard, Jacob ; Stephansen, Carl
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 Status: Published | Year: 2012 | DOI: <http://dx.doi.org/10.1109/ISGTEurope.2012.6465860>

Addressing the security of a future sustainable power system: The Danish SOSPO project

Yang, Guangya ; Jóhannsson, Hjörtur ; Lind, Morten ; Garcia-Valle, Rodrigo ; Blanke, Mogens ; Nielsen, Arne Hejde ; Østergaard, Jacob
 part of: Conference proceedings of the 9th IET International Conference on Advances in Power System Control, Operation and Management (ISBN: 9781849197434), 2012, Institution of Engineering and Technology,
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2011

Combined scheduling of electricity and heat in a microgrid with volatile wind power

Xu, Lizhong ; Yang, Guangya ; Xu, Zhao ; Dong, Zhaoyang ; Østergaard, Jacob ; Cao, Yijia
 in journal: Dianli Xitong Zidonghua (ISSN: 1000-1026), vol: 35, issue: 9, pages: 53-60, 2011
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 Status: Published | Year: 2011



Impacts of electric vehicle charging on distribution networks in Denmark

Xu, Lizhong ; Yang, Guangya ; Xu, Zhao ; Marra, Francesco ; Træholt, Chresten
 in journal: Dianli Xitong Zidonghua/Automation of Electric Power Systems (ISSN: 1000-1026), vol: 35, issue: 14, pages: 18-23, 2011
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 Status: Published | Year: 2011

Smart integration of photovoltaic power systems on the island of Bornholm

Yang, Guangya ; Østergaard, Jacob ; Kjær, Søren Bækthøj ; Constantin, Adrian ; Ballegaard, Hans Peter ; Lazar, Radu Dan ; Borup, Uffe ; Stephansen, Carl ; Mattesen, Majken Rolsted ; Sørensen, Jesper Bergholdt
 part of: 1st International Workshop on Integration of Solar Power into Power Systems (ISBN: 978-3-9813870-4-9), 2011,
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 Type: Article in proceedings (Peer reviewed)
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Application of SmartGrid in Photovoltaic Power Systems on the Island of Bornholm–PVNET.dk

Kjær, Søren Bækhoj ; Lazar, Radu Dan ; Constantin, Adrian ; Borup, Uffe ; Ballegaard, Hans Peter ; Østergaard, Jacob ; Yang, Guangya ; Stephansen, Carl ; Mattesen, Majken Rolsted ; Sørensen, Jesper Bergholdt

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A Hybrid Model on Transmission Network Expansion Algorithms via a Modified Differential Evolution

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Type: Book chapter (Peer reviewed)

Status: Published | Year: 2010

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